



Artistic Licence Engineering

Artistic Licence Engineering Catalogue, Printed in May 2015

Established in 1988, Artistic Licence is the industry expert in lighting control.

We design products that control light in all its guises, from traditional sources to the latest eco-friendly technology, such as organic LED. Our range also covers test equipment and data distribution, and we are a major supplier of OEM solutions worldwide.

For project work, our in-depth technological knowledge enables us to offer custom-build solutions where no off-the-shelf product would be suitable. We routinely work with Art-Net (the public domain Ethernet protocol that we invented), DMX512-A, RDM, CRMX wireless DMX, sACN, KiNet and DALI, and offer a host of other services such as CAD and materials research and certification.

From stadium rock to sculptural art, and municipal works to designer hotels, we offer an eclectic and international outlook. For reliability and innovation, the reputation of Artistic Licence is second to none.

Artistic Licence
Lighting the way, leading the field

Industry recognition and awards:

2013 PLASA Award for Innovation for eSense

2013 PLASA Honourable Mention for Art-Osc

2006 ESTA Achievement Award for Control Protocols Development

2005 PLASA Product Award for Visual-Patch

2003 PLASA Highly Commended Award for Colour-Tramp lighting control system

2002 PLASA Highly Commended Award for the development of Bit Angle Modulation

2001 PLASA Product Award for Down-Lynx Ethernet to DMX512 interface

2000 EDDY Award for Common-Sense protocol and sensor interface

1999 UK DTI Certificate of Merit for export achievement

1998 Honourable Mention – ESTA Product awards for Micro-Scope 3, the DMX512 tester

1995 Winner of PLASA Product Award for the DMX-Dongle PC to DMX512 interface

All Prices Exclude VAT

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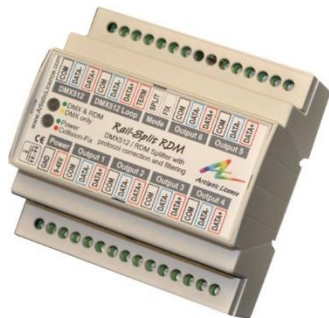
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Rail-Split RDM II



Rail-Split RDM is a high specification, low cost DIN-Rail mounted DMX512 splitter designed for permanent installations. All connections are via screw terminals. DMX loop through and termination options are provided. Rail-Split RDM supports the RDM V1.0 (Remote Device Management) Standard, which allows bidirectional communication over the DMX cable. The product is powered from a 9 to 48VDC power source.

Rail-Split RDM provides a switch to select between operation as a bidirectional DMX/RDM splitter and Fix mode. In Fix Mode, the product discards all RDM and other specialist data packets. It also adjusts the DMX timing to values that are likely to be acceptable to fixtures that do not fully comply with the DMX standard.

(A) DMX Splitters & Wireless DMX Price £275

Features

- Optically isolated DMX512 input
- Front panel power and data indication
- Six buffered outputs
- Bidirectional data ports
- Jabber Detection
- Fix Mode
- DIN Rail mounting
- Compatible with DMX512, DMX512 (1990), DMX512-A
- Protocols: RDM Standard V1.0 (E1.20 - 2006 ESTA Standard)

Specification

- Listing: CE FCC
- IP Rating: Indoor use
- Power: 8W
- Input Voltage: 9 to 48VDC
- Width: 88 mm
- Height: 90 mm
- Depth: 58 mm
- Connection: Screw terminal
- +12kV ESD DMX Input Protection
- +2kV ESD DMX Output Protection

Rail-Split DMX



Rail-Split DMX is an entry level DMX512 splitter designed for permanent installations.

It is DIN Rail mounted for ease of installation. All connections are via screw terminals. DMX loop through and termination options are provided. Rail-Split DMX does not support the RDM (Remote Device Management) Standard and RDM data is simply ignored. Rail-Split DMX is powered from a 9 to 48VDC power source.

(A) DMX Splitters & Wireless DMX Price £245

Features

- Optically isolated DMX512 input
- Front panel power and data indication
- Six buffered outputs
- DIN Rail mounting
- Compatible with DMX512, DMX512 (1990), DMX512-A

Specification

- Listing: CE FCC
- IP Rating: Indoor use
- Power: 8W
- Input Voltage: 9 to 48VDC
- Width: 88 mm
- Height: 90 mm
- Depth: 58 mm
- Connection: Screw terminal
- DMX Input Opto-Isolated to 1kV
- DMX Output - Ground Referenced
- +12kV ESD DMX Input Protection
- +10kV ESD DMX Output Protection



Rail-Split extreme



Rail-Split extreme is a variant of Rail-Split RDM fitted with DMX drivers capable of withstanding +/- 80V output shorts and 12kV static discharge. It is optimised for harsh conditions and use in electrically noisy environments.

(A) DMX Splitters & Wireless DMX Price £345

Features

- DMX512 input and output protected against +/- 80V
- 12kV ESD protected DMX ports
- Slew rate limited drivers for improved signal quality
- Optically isolated DMX512 input
- Front panel power and data indication
- Six buffered outputs
- Bidirectional data ports
- Jabber Detection
- Fix Mode
- DIN Rail mounting
- Compatible with DMX512, DMX512 (1990), DMX512-A
- Protocols: RDM Standard V1.0 (E1.20 - 2006 ESTA Standard)

Specification

- Listing: CE FCC
- IP Rating: Indoor use
- Power: 8W
- Input Voltage: 9 to 48VDC
- Width: 88 mm
- Height: 90 mm
- Depth: 62 mm
- Connection: Screw terminal
- +12kV ESD DMX Input Protection
- +12kV ESD DMX Output Protection
- DMX Inputs and Outputs protected against +/-80V

versaSplit mini crmx-5



versaSplit mini is a modular mains powered DMX512 distribution system.

All outputs are ground referenced using robust drivers with advanced protection.

The input is modular and the versaSplit mini CRMX-5 is fitted with the CRMX wireless DMX input module. Output connectors are XLR5.

The base unit is RDM compatible but the CRMX input module fitted to this item is unidirectional only.

This product can be fitted with a Truss Mount Adapter.

(A) DMX Splitters & Wireless DMX Price £595

Features

- 6 output DMX512 splitter
- XLR5 output connectors
- Modules fitted:
- vSplit CRMX
- DMX512 output protection
- +/- 80V electrocution
- 12KV ESD
- Slew rate limited drivers for improved signal quality
- Front panel power and data indication
- Bidirectional data ports
- Jabber Detection
- Fix Mode
- Compatible with DMX512, DMX512 (1990), DMX512-A, CRMX

Specification

- Listing: CE
- IP Rating: Indoor use
- Power: 50W
- Input Voltage: 85-264VAC
- Height: 120mm
- Width: 185mm
- Depth: 50mm
- Mains Connection: IEC

versaSplit mini etha-5



versaSplit mini is a modular mains powered DMX512 and RDM distribution system.

All outputs are ground referenced using robust drivers with advanced protection.

The input is modular and the versaSplit mini ETHA-5 is fitted with the 10/100BaseT ethernet input module which provides an LCD user interface. The six output connectors are XLR5.

This product can be fitted with a Truss Mount Adapter (Truss-Ears).

(A) DMX Splitters & Wireless DMX Price £695

Features

- 6 output DMX512 / RDM splitter
- XLR5 output connectors
- Modules fitted:
- vSplit ETHA
- DMX512 output protection
- +/- 80V electrocution
- 12KV ESD
- Slew rate limited drivers for improved signal quality
- Front panel power and data indication
- Bidirectional data ports
- Jabber Detection
- Fix Mode
- Compatible with DMX512, DMX512 (1990), DMX512-A, RDM

Specification

- Listing: CE
- IP Rating: Indoor use
- Power: 50W
- Input Voltage: 85-264VAC
- Height: 120mm
- Width: 185mm
- Depth: 50mm
- Mains Connection: IEC

versaSplit mini ethb-5



versaSplit mini is a modular mains powered DMX512 and RDM distribution system.

All outputs are ground referenced using robust drivers with advanced protection.

The input is modular and the versaSplit mini ETHB-5 is fitted with the ETHB 10BaseT ethernet input module. This module is configured via browser or DMX-Workshop. Output connectors are XLR5.

This product can be fitted with a Truss Mount Adapter

(A) DMX Splitters & Wireless DMX Price £539

Features

- 6 output DMX512 / RDM splitter
- XLR5 output connectors
- Modules fitted:
- vSplit ETHB
- DMX512 output protection
- +/- 80V electrocution
- 12KV ESD
- Slew rate limited drivers for improved signal quality
- Front panel power and data indication
- Bidirectional data ports
- Jabber Detection
- Fix Mode
- Compatible with DMX512, DMX512 (1990), DMX512-A, RDM

Specification

- Listing: CE
- IP Rating: Indoor use
- Power: 50W
- Input Voltage: 85-264VAC
- Height: 120mm
- Width: 185mm
- Depth: 50mm
- Mains Connection: IEC

versaSplit mini x-5



versaSplit mini is a modular mains powered DMX512 and RDM distribution system.

All outputs are ground referenced using robust drivers with advanced protection.

The input is modular. The versaSplit mini x-5 is not fitted with an input module and must be ordered separately. Output connectors are XLR5.

This product can be fitted with a Truss Mount Adapter.

(A) DMX Splitters & Wireless DMX Price £396

Features

- 6 output DMX512 / RDM splitter
- XLR5 output connectors
- Modules fitted:
- None
- DMX512 output protection
- +/- 80V electrocution
- 12KV ESD
- Slew rate limited drivers for improved signal quality
- Front panel power and data indication
- Bidirectional data ports
- Jabber Detection
- Fix Mode
- Compatible with DMX512, DMX512 (1990), DMX512-A, RDM

Specification

- Listing: CE
- IP Rating: Indoor use
- Power: 50W
- Input Voltage: 85-264VAC
- Height: 120mm
- Width: 185mm
- Depth: 50mm
- Mains Connection: IEC

versaSplit mini xlr3-5



versaSplit mini is a modular mains powered DMX512 and RDM distribution system.

All outputs are ground referenced using robust drivers with advanced protection.

The input is modular and the versaSplit mini XLR5-3 is fitted with the XLR3 DMX512 / RDM split / fix module. Output connectors are XLR5.

This product can be fitted with a Truss Mount Adapter.

(A) DMX Splitters & Wireless DMX Price £495

Features

- 6 output DMX512 / RDM splitter
- XLR5 output connectors
- Modules fitted:
- vSplit XLR3
- DMX512 output protection
- +/- 80V electrocution
- 12KV ESD
- Slew rate limited drivers for improved signal quality
- Front panel power and data indication
- Bidirectional data ports
- Jabber Detection
- Fix Mode
- Compatible with DMX512, DMX512 (1990), DMX512-A, RDM

Specification

- Listing: CE
- IP Rating: Indoor use
- Power: 50W
- Input Voltage: 85-264VAC
- Height: 120mm
- Width: 185mm
- Depth: 50mm
- Mains Connection: IEC

versaSplit mini xlr5-5



versaSplit mini is a mains powered modular DMX512 and RDM distribution system with support for the RDM standard.

All outputs are ground referenced using robust drivers with advanced protection.

The input is modular and the versaSplit mini XLR5-5 is fitted with the XLR5 DMX512 / RDM split / fix module. The product is fitted with XLR5 output connectors.

This product supersedes our popular DMX-Split RDM product.

(A) DMX Splitters & Wireless DMX Price £495

Features

- 6 output DMX512 / RDM splitter
- XLR5 output connectors
- Modules fitted:
- vSplit XLR5
- DMX512 output protection
- +/- 80V electrocution
- 12KV ESD
- Slew rate limited drivers for improved signal quality
- Front panel power and data indication
- Bidirectional data ports
- Jabber Detection
- Fix Mode
- Compatible with DMX512, DMX512 (1990), DMX512-A, RDM

Specification

- Listing: CE
- IP Rating: Indoor use
- Power: 50W
- Input Voltage: 85-264VAC
- Height: 120mm
- Width: 185mm
- Depth: 50mm
- Mains Connection: IEC

versaSplit mini xlr8-5



versaSplit mini is a modular mains powered DMX512 and RDM distribution system.

All outputs are ground referenced using robust drivers with advanced protection.

The input is modular and the versaSplit mini XLR8-5 is fitted with the XLR8 (Ethernet) DMX512 / RDM split / fix module. Output connectors are XLR5.

This product can be fitted with a Truss Mount Adapter.

(A) DMX Splitters & Wireless DMX Price £495

Features

- 6 output DMX512 / RDM splitter
- XLR8 output connectors
- Modules fitted:
- vSplit XLR8
- DMX512 output protection
- +/- 80V electrocution
- 12KV ESD
- Slew rate limited drivers for improved signal quality
- Front panel power and data indication
- Bidirectional data ports
- Jabber Detection
- Fix Mode
- Compatible with DMX512, DMX512 (1990), DMX512-A, RDM

Specification

- Listing: CE
- IP Rating: Indoor use
- Power: 50W
- Input Voltage: 85-264VAC
- Height: 120mm
- Width: 185mm
- Depth: 50mm
- Mains Connection: IEC

versaSplit mono xlr5-5



versaSplit mono is a modular DMX512 and RDM distribution system with support for the RDM standard.

All outputs are ground referenced using robust drivers with advanced protection.

The input is modular and the versaSplit mono XLR5-5 is fitted with the XLR5 DMX512 / RDM split / fix module. This product configuration is also fitted with XLR5 output connectors.

This product supersedes our popular Rack-Split RDM product.

(A) DMX Splitters & Wireless DMX Price £755

Features

- 10 output DMX512 / RDM splitter
- XLR5 output connectors
- Rack mount
- Modules fitted:
- vSplit XLR5
- DMX512 output protection
- +/- 80V electrocution
- 12KV ESD
- Slew rate limited drivers for improved signal quality
- Front panel power and data indication
- Bidirectional data ports
- Jabber Detection
- Fix Mode
- Compatible with DMX512, DMX512 (1990), DMX512-A, RDM

Specification

- Listing: CE FCC
- IP Rating: Indoor use
- Power: 250W
- Input Voltage: 90-250VAC
- Height: 1RU
- Width: 19" Rack
- Depth: 227mm
- Mains Connection: IEC

versaSplit mono crmx-5



versaSplit mono is a modular DMX512 and RDM distribution system with support for the RDM standard.

All outputs are ground referenced using robust drivers with advanced protection

The input is modular and the versaSplit mono crmx-5 is fitted with the CRMX wireless DMX input module. This product configuration is also fitted with XLR5 output connectors.

Please note that the base product is RDM compatible but the CRMX module does not support RDM. Therefore this overall product configuration does not support RDM.

(A) DMX Splitters & Wireless DMX Price £855

Features

- 10 output DMX512 splitter / fixer
- XLR5 output connectors
- Rack mount
- Modules fitted:
- vSplit CRMX
- DMX512 output protection
- +/- 80V electrocution
- 12KV ESD
- Slew rate limited drivers for improved signal quality
- Front panel power and data indication
- Jabber Detection
- Fix Mode
- Compatible with DMX512, DMX512 (1990), DMX512-A

Specification

- Listing: CE FCC
- IP Rating: Indoor use
- Power: 250W
- Input Voltage: 90-250VAC
- Height: 1RU
- Width: 19" Rack
- Depth: 227mm
- Mains Connection: IEC

versaSplit mono etha-5



versaSplit mono is a modular DMX512 and RDM distribution system with support for the RDM standard.

All outputs are ground referenced using robust drivers with advanced protection.

The input is modular and the versaSplit mono etha-5 is fitted with the ethernet input module A. The ethernet input module A supports Art-Net, sACN and KiNET (note that only Art-Net currently supports RDM). This product configuration is also fitted with XLR5 output connectors.

(A) DMX Splitters & Wireless DMX Price £955

Features

- 10-output ethernet-to-DMX512 & RDM converter
- XLR5 output connectors
- Ethernet input
- Rack mount
- Modules fitted:
- vSplit ETHA
- DMX512 output protection
- +/- 80V electrocution
- 12KV ESD
- Slew rate limited drivers for improved signal quality
- Front panel GUI
- Bidirectional data ports
- Compatible with Art-Net or sACN or KiNET

Specification

- Listing: CE FCC
- IP Rating: Indoor use
- Power: 250W
- Input Voltage: 90-250VAC
- Height: 1RU
- Width: 19" Rack
- Depth: 227mm
- Mains Connection: IEC

versaSplit duo xlr5-5-xlr5



versaSplit duo is a modular DMX512 and RDM distribution system with support for the RDM standard.

All outputs are ground referenced using robust drivers with advanced protection.

The input is modular and the versaSplit duo xlr5-5-xlr5 is fitted with two of the XLR5 DMX512 / RDM split / fix modules. This product configuration is also fitted with XLR5 output connectors.

This product supersedes our popular Duo-Split RDM product

(A) DMX Splitters & Wireless DMX Price £904

Features

- 8 output DMX512 / RDM splitter
- XLR5 output connectors
- Rack mount
- Modules fitted:
- vSplit XLR5
- vSplit XLR5
- DMX512 output protection
- +/- 80V electrocution
- 12KV ESD
- Slew rate limited drivers for improved signal quality
- Front panel power and data indication
- Bidirectional data ports
- Jabber Detection
- Fix Mode
- Compatible with DMX512, DMX512 (1990), DMX512-A, RDM

Specification

- Listing: CE FCC
- IP Rating: Indoor use
- Power: 250W
- Input Voltage: 90-250VAC
- Height: 1RU
- Width: 19" Rack
- Depth: 227mm
- Mains Connection: IEC

versaSplit iso xlr8-8



versaSplit iso is a modular DMX512 and RDM distribution system with support for the RDM standard.

All outputs are individually optically isolated.

The input is modular and the versaSplit iso XLR8-8 is fitted with the XLR8 DMX512 / RDM split / fix module. This product configuration is also fitted with Ethercon output connectors.

This product supersedes our popular Rack-Split RDM product.

(A) DMX Splitters & Wireless DMX Price £1499

Features

- 10 output DMX512 / RDM splitter
- Individually isolated outputs
- Ethercon output connectors
- Rack mount
- Modules fitted:
- vSplit XLR8
- DMX512 output protection
- +/- 80V electrocution
- 12KV ESD
- Slew rate limited drivers for improved signal quality
- Front panel power and data indication
- Bidirectional data ports
- Jabber Detection
- Fix Mode
- Compatible with DMX512, DMX512 (1990), DMX512-A, RDM

Specification

- Listing: CE FCC
- IP Rating: Indoor use
- Power: 250W
- Input Voltage: 90-250VAC
- Height: 1RU
- Width: 19" Rack
- Depth: 227mm
- Mains Connection: IEC

versaSplit mono xlr8-8



versaSplit mono is a modular DMX512 and RDM distribution system with support for the RDM standard.

The input is modular and the versaSplit mono XLR8-8 is fitted with the XLR8 DMX512 / RDM split / fix module. This product configuration is also fitted with Ethercon output connectors.

This product supersedes our popular Rack-Split RDM product.

(A) DMX Splitters & Wireless DMX Price £829

Features

- 10 output DMX512 / RDM splitter
- Isolated input
- Ethercon output connectors
- Rack mount
- Modules fitted:
- vSplit XLR8
- DMX512 output protection
- +/- 80V electrocution
- 12KV ESD
- Slew rate limited drivers for improved signal quality
- Front panel power and data indication
- Bidirectional data ports
- Jabber Detection
- Fix Mode
- Compatible with DMX512, DMX512 (1990), DMX512-A, RDM

Specification

- Listing: CE FCC
- IP Rating: Indoor use
- Power: 250W
- Input Voltage: 90-250VAC
- Height: 1RU
- Width: 19" Rack
- Depth: 227mm
- Mains Connection: IEC

versaSplit Blank Panel



The panel can be used to blank off one of the inputs to versaSplit duo.

(A) DMX Splitters & Wireless DMX Price £19.5

Features

- Blanking panel

Specification

- IP Rating: Indoor use
- Power: n/a
- Input Voltage: 3V3
- Height: 44mm
- Width: 76mm
- Depth: 76mm

versaSplit XLR3 DMX Input Module



The versaSplit XLR3 input module adds DMX input capability to the entire versaSplit range.

It provides an isolated input and loop-through using 3-pin XLR connectors.

The module also provides a split - fix switch which allows out-of-spec timing to be corrected and unusual DMX packets or RDM to be removed.

(A) DMX Splitters & Wireless DMX Price £99

Features

- DMX512 input protection
- +/- 80V electrocution
- 12KV ESD
- Optically isolated DMX512 input
- Power and data indication
- Fix Mode
- Compatible with DMX512, DMX512 (1990), DMX512-A, RDM

Specification

- IP Rating: Indoor use
- Power: n/a
- Input Voltage: 3V3
- Height: 44mm
- Width: 76mm
- Depth: 76mm

versaSplit XLR5 DMX Input Module



The versaSplit XLR5 input module adds DMX input capability to the entire versaSplit range.

It provides an isolated input and loop-through using 5-pin XLR connectors.

The module also provides a split - fix switch which allows out-of-spec timing to be corrected and unusual DMX packets or RDM to be removed.

(A) DMX Splitters & Wireless DMX Price £99

Features

- DMX512 input protection
- +/- 80V electrocution
- 12KV ESD
- Optically isolated DMX512 input
- Power and data indication
- Fix Mode
- Compatible with DMX512, DMX512 (1990), DMX512-A, RDM

Specification

- IP Rating: Indoor use
- Power: n/a
- Input Voltage: 3V3
- Height: 44mm
- Width: 76mm
- Depth: 76mm

versaSplit XLR8 DMX Input Module



The versaSplit Ethernet input module adds DMX input capability to the entire versaSplit range.

It provides an isolated input and loop-through using 8-pin Ethernet XLR connectors.

The module also provides a split - fix switch which allows out-of-spec timing to be corrected and unusual DMX packets or RDM to be removed.

(A) DMX Splitters & Wireless DMX Price £99

Features

- DMX512 input protection
- +/- 80V electrocution
- 12KV ESD
- Optically isolated DMX512 input
- Power and data indication
- Fix Mode
- Compatible with DMX512, DMX512 (1990), DMX512-A, RDM

Specification

- IP Rating: Indoor use
- Power: n/a
- Input Voltage: 3V3
- Height: 44mm
- Width: 76mm
- Depth: 76mm

versaSplit CRMX Input Module



The versaSplit CRMX input module adds wireless DMX input capability to the entire versaSplit range.

It is supplied complete with an antenna and fully supports the Lumen Radio CRMX wireless DMX protocol.

The module also provides a split - fix switch which allows unusual DMX packets to be filtered from the data stream.

(A) DMX Splitters & Wireless DMX Price £199

Features

- CRMX wireless antenna
- Link set switch
- Split - Fix switch
- Signal strength bargraph
- Status indicator

Specification

- IP Rating: Indoor use
- Power: n/a
- Input Voltage: 3V3
- Height: 44mm
- Width: 76mm
- Depth: 76mm

versaSplit Ethernet A Input Module



The versaSplit Ethernet A input module adds Art-Net, sACN and KiNET input capability to the entire versaSplit range.

Data input is via a Neutrik Ethercon.

All network configuration can be done via the graphic user interface or via a web browser.

(A) DMX Splitters & Wireless DMX Price £299

Features

- 10/100BaseT ethernet input
- GUI to configure system
- sACN
- Art-Net
- KiNET

Specification

- IP Rating: Indoor use
- Power: n/a
- Input Voltage: 3V3
- Height: 44mm
- Width: 76mm
- Depth: 76mm

versaSplit Ethernet B Input Module



The versaSplit Ethernet B input module adds Art-Net and sACN input capability to the entire versaSplit range.

Data input is via a Neutrik Ethercon.

All network configuration can be done via a web browser or DMX-Workshop.

(A) DMX Splitters & Wireless DMX Price £143

Features

- 10BaseT ethernet input
- sACN
- Art-Net

Specification

- IP Rating: Indoor use
- Power: n/a
- Input Voltage: 3V3
- Height: 44mm
- Width: 76mm
- Depth: 76mm

DMX-Buffer XLR



Ever need to go further than the maximum of 300M with DMX? Don't want to use an expensive DMX Splitter for a simple job?

DMX-Buffer allows you to go that extra distance by re-buffering a DMX line giving you an extra 300M.

It is housed in a protective metal case and is powered from a standard 9V PSU with a DC jack connector. DMX-Buffer XLR uses standard 5pin XLR connectors for both input and output connection. A version that uses RJ45 / Ethercons is also available.

Full RDM support is also provided so not only can you control the DMX fixtures you can also configure them from further away.

(A) DMX Splitters & Wireless DMX Price £155

Features

- Protected DMX512 input
- Single buffered output
- Bidirectional data comms
- Jabber Detection
- Desktop Style case
- Compatible with DMX512, DMX512 (1990), DMX512-A
- Protocols:
- RDM Draft V1.0
- RDM Standard V1.0 (E1.20 - 2006 ESTA Standard)
- HES Talkback

Specification

- Listing: CE FCC
- IP Rating: Indoor use
- Power: 5W
- Input Voltage: 9VDC
- Power Connector: DC Jack
- Width: 81 mm
- Height: 56 mm
- Depth: 42 mm
- Data Connection: XLR 5pin

DMX-Buffer RJ45

Price £155

DMX-Split RDM



DMX-Split RDM provides a DMX512 input with a passive loop through connection. The data is cleaned, optically isolated and then provided as five independent outputs. Each of the five outputs is capable of driving 32 DMX512 fixtures. All ports use 5pin XLR connectors

DMX-Split RDM supports the RDM V1.0 (Remote Device Management) Standard and Draft versions along with High End Systems talkback protocol.

DMX-Split RDM is powered from a 9-24VDC power source on a 4 pin XLR. This allows the use of most Colour Scroller PSU's as a source of power. (A separate Power Supply is available if required).

The unit is housed in a robust extruded aluminium case with an optional Truss Mount Adapter available.

(A) DMX Splitters & Wireless DMX Price £405

Features

- Optically isolated DMX512 input
- Five buffered outputs
- Bidirectional data ports
- Jabber Detection
- Powered by 24VDC Scroller Power
- Truss Mount Adapter available
- Compatible with DMX512, DMX512 (1990), DMX512-A
- Protocols:
- RDM Standard V1.0 (E1.20 - 2006 ESTA Standard)
- HES Talkback

Specification

- Listing: CE FCC
- IP Rating: Indoor use
- Power: 5W
- Input Voltage: 9-24VDC
- Height: 115mm
- Width: 195mm
- Depth: 55mm
- DMX Connections: XLR5
- Power Connection: XLR4

DMX-Fix



DMX-Fix is the solution to those occasional nasty compatibility problems. The ones that usually occur when the crew should all be relaxing in the bar!

The recent evolution of more sophisticated DMX512 control, including DMX512-A and RDM (Remote Device Management) provide a wealth of benefits. Unfortunately they have also highlighted some of the design flaws in products on the market. The example seen most often is the lamp that flickers every 3 seconds, which is caused by the lamp's software not checking the DMX512 start code. The fault would not show up with plain and simple DMX512; with RDM data it sees the RDM poll as if it were standard DMX data. The effect is that it flickers or judders.

At 3am, faced with a rig of flickering lights, it is not much help to know that you are facing a design flaw. That's where DMX-Fix comes in. DMX-Fix is totally automatic and requires no configuration. It filters all the clever stuff out of the DMX line allowing even the twitchiest DMX receivers to function correctly. It also fixes all the common DMX512 timing errors such as missing stop bits, incorrect break length etc.

Just to add to the flexibility, DMX-Fix is also an optically isolated splitter. The product is housed in a robust extruded aluminium case.

(A) DMX Splitters & Wireless DMX Price £505

Features

- Optically isolated DMX512 input
- Five buffered outputs
- Truss Mount Adapter available
- Compatible with DMX512, DMX512 (1990), DMX512-A
- Automatic timing correction for DMX512.
- Accepts breaks from 56uS to 1000uS
- Accepts MaB from 5uS to 1000uS
- Accepts MbB from 0uS to 1000uS
- Accepts channel count from 1-512
- Accepts refresh from 23mS to 1000mS
- Filters out consecutive breaks
- Retimes bytes with 1 stop bit to 2 stop bits
- Generates DMX with fixed timing parameters: Refresh = 33Hz, Brk=250uS, MaB=30uS, P=30mS, C=512, MbB=30uS
- Filters out all Non-Zero Start Codes
- Truss Mount Adapter Available

Specification

- Listing: CE FCC
- IP Rating: Indoor use
- Power: 5W
- Input Voltage: 9-24VDC
- Height: 115mm
- Width: 195mm
- Depth: 55mm
- DMX Connections: XLR5
- Power Connection: XLR4

Rail-Flip



Rail-Flip is a modular A-B switch for DMX512 that supports 4 universes. Its primary purpose is automatic switching between a primary and backup lighting controller. It can also be used to switch between different lighting control positions.

Switching can be selected to fully automatic or manual. Multiple products can be cascaded to increase the universe count. The product also features detailed configuration including loss of data time and whether to switch back to primary if data recovers. Rail-Flip is powered from a 9 to 48 VDC power source.

(A) DMX Splitters & Wireless DMX Price £355

Features

- 4 universe A-B switch
- Automatic switch on fail
- Manual switching
- Remote switching
- Cascade multiple products for more universes
- Fails safe when unpowered
- DIN Rail mounting
- Compatible with DMX512, DMX512 (1990), DMX512-A
- Protocols: RDM V1.0 (E1.20 - 2006 ESTA Standard)

Specification

- Listing: CE FCC
- IP Rating: Indoor use
- Power: 10W
- Input Voltage: 9 to 48 VDC
- Width: 159 mm
- Height: 90 mm
- Depth: 73.5 mm
- Connection: Screw terminal

nanoScope



nanoScope is a small battery powered tester for DMX512 and RDM. It is built into a 5 pin XLR connector with a translucent plastic case. nanoScope lights up in different colours to express its findings.

Two modes of operation exist, selected by a recessed slide switch which also doubles as the power switch.

In 'Pixel Mode', nanoScope simply displays the first three DMX channels as an RGB mix. This allows nanoScope to be used as a pixel mimic to provide confidence that the expected data is on the cable.

A flick of the switch selects 'Analysis Mode'. nanoScope displays a sequence of coloured blips, that represent different attributes of the DMX512 signal. The sequence comprises one long blip followed by a train of short blips.

The long blip will be either green or red to indicate overall good or bad data respectively. The train of short blips uses warm colours to indicate problems and cold colours for informational feedback.

Features

- Small form factor
- Colour coded display
- Battery powered
- Pixel mimic

Specification

- Listing: CE FCC
- IP Rating: Indoor use
- Height: 38 mm
- Width: 20 mm
- Depth: 135 mm
- Signal Connection: XLR5
- Power Source: 2 x AAA battery
- Battery Life: Continuous operation: 72 hours; Standby: 380 hours

(B) Handheld Test & Control Price £59.95

nanoScope developer



nanoScope developer is a sophisticated RDM analyser and DMX512 mimic for product developers. It is built into a 5 pin XLR connector with a translucent plastic case. nanoScope lights up in different colours to express its findings.

Two modes of operation exist, selected by a recessed slide switch which also doubles as the power switch.

In 'Pixel Mode', nanoScope developer simply displays the first three DMX channels as an RGB mix. This allows nanoScope developer to be used as a pixel mimic to provide confidence that the expected data is on the cable.

A flick of the switch selects 'RDM Mode'. nanoScope displays the six RDM command classes with different coloured pulses.

In addition discovery collisions and EUIDs are also detected and displayed.

Common errors are categorised in three groups which are also displayed.

Features

- Small form factor
- Colour coded display
- Battery powered
- Pixel mimic

Specification

- Listing: CE FCC
- IP Rating: Indoor use
- Height: 38 mm
- Width: 20 mm
- Depth: 135 mm
- Signal Connection: XLR5
- Power Source: 2 x AAA battery
- Battery Life: Continuous operation: 72 hours; Standby: 380 hours

(B) Handheld Test & Control Price £99.95

Jump-Start



Jump-Start is a small hand-held RDM and DMX512 programmer. As the new Remote Device Management (RDM) protocol gains acceptance, the DIP-switches on the rear of moving lights will gradually disappear.

There is no need for them as RDM allows the lighting console to patch the lights.

BUT: What do you do when the lighting console is still in the truck? Or when you need to address a light in the workshop? Or if you want to check the temperature sensor?

That's where Jump-Start comes in! Plug it into the DMX connector and moments later you have a display of all the important information: Start Address, Footprint, Personality, Sensors, Temperature, Voltage, Lamp Hours to mention but a few. A couple of key presses are all it takes to edit the settings. You can even plug into the entire lighting rig and auto-patch all the lights!

Have you ever stood in front of a light trying to remember which combination of channels mean 'strike'? Jump-Start is so clever that it can simply ask the light to strike or douse or self-test. Jump-Start also operates as a straightforward DMX tester. You can set individual channels to a level or have them ramp continuously. You can even store the channel settings to a memory. Two 'AA' batteries power Jump-Start. Talk time is around 12 hours and Standby time is about 6 months.

(B) Handheld Test & Control Price £265

Features

- Output Protocols: DMX512-A
- RDM V1.0 (E1.20 - 2006 ESTA Standard)
- DMX512 Functions:
- Rig Check - Static / Dynamic
- Memory Check - Static any combination of channels
- Dynamic Check - Consecutive group of channels ramping
- RDM Functions (Get / Set):
- Start address & personality
- Lamp strike + power-on
- Self test + dimmer curve
- Pan & tilt invert & swap
- Display brightness and invert
- Help language
- RDM Functions (Get):
- Lamp hours + strikes
- Product hours + footprint
- Software version
- Device reset

Specification

- Listing: CE FCC
- IP Rating: Indoor use
- Power: 2 x AA Battery
- Height: 95 mm
- Width: 65 mm
- Depth: 28 mm
- Signal Connection: XLR5 female

Micro-Scope 3a



DMX512 and MIDI are now common place digital protocols and so specific test equipment is no longer a luxury.

Micro-Scope 3a provides all the features regularly needed by both theatre and touring staff. Micro-Scope 3a is a small hand-held DMX512 receiver and transmitter. It can operate as a Moving Lamp tester, a Flicker Finder or as a Rigger's Remote. It is powered by an internal rechargeable battery, with a normal life of 25 hours and uses a high brightness backlit LCD screen.

Micro-Scope 3a is very simple to operate. Switch on and you are immediately displaying received DMX512. Two key presses are all that is required to start flashing through the rig.

The built in moving lamp personality library is used to test all the attributes of over 100 lamps. The lamp library can be edited and customised using the optional PC software Mic-Edit. Modifications are then quickly downloaded to Micro-Scope using a serial/usb link.

Twelve preset memories, which contain individual level settings for all 512 channels, are available. Memories can be programmed with pre-defined patterns, by adjusting individual channels or by capturing received data. All data is held in flash memory, so you can be sure that your preferred settings will still be there when you get off the plane!

The recent ESTA market research program confirms that Micro-Scope is the world's best selling DMX tester.

(B) Handheld Test & Control Price £475

Features

- Moving Lamp Library
- Cable Test
- Data View
- Snapshot
- Flicker Finder
- Timing Analyser
- Scope trigger
- MIDI Receive
- 12 Full level memories
- Rig Test
- Hex calculator
- Buffer, clean and boost
- Auto-Backup

Specification

- Listing: CE FCC
- IP Rating: Indoor use
- Power: 300mW
- Charger Voltage: 90-250VAC
- Input Voltage: 9VDC
- Height: 45 mm
- Width: 125 mm
- Depth: 98 mm
- Signal Connection: XLR5
- Rear Mounting: Single M4 x 20mm
- Universal power supply and soft case included

Micro-Scope 3a Pro



The Micro-Scope Pro is a kit containing the following items: Micro-Scope 3a, PSU-9-1.5-DCJ universal power supply and charger, Mic-Edit, Line-Light 5, DMX-Term 5.

(B) Handheld Test & Control Price £585

Features

- Same as Micro-Scope 3a
- Includes Mic-Edit kit
- Line-Light 5
- DMX-Term 5

Specification

- See individual products for full detail

| | |
|------------------------------|-------------|
| Micro-Scope Battery | Price £14 |
| Micro-Scope carry case | Price £17.5 |
| Micro-Scope Desk Stand | Price £18 |
| Micro-Scope MIDI Input Cable | Price £25 |

Mic-Edit



Mic-Edit is an off-line editor for Micro-Scope 3a. It runs under Windows 95/98/ME/NT/2K/XP/Vista(32) and allows all configuration, lamp libraries and memories to be edited, stored on disc and then downloaded to Micro-Scope 3a via the serial cable.

Mic-Edit ships with a library of lamp personalities for over 200 lamps. The package includes the serial link interface which allows Micro-Scope 3a to communicate with a PC via the RS232 port. A USB adapter is also included. Mic-Edit can also be used on Mac computers by running the Mac Windows Emulator programme.

(B) Handheld Test & Control Price £125

Features

- Edit up to 100 lamp personalities
- 200 pre-programmed personalities
- Edit all 12 Memories
- Generate custom test patterns
- Setup parameters such as Start Code, Power Save
- Customise power up screen
- Customise menus
- Customise bar graph fonts
- Live DMX512 control for editing personalities

Specification

- Software on CD
- Serial link cable
- Instruction manual is supplied with Micro-Scope 3a

Line-Light 5



The Line-Light is a simple DMX512 and CMX tester. The product is built into a standard XLR connector. It can be used to identify active DMX512, pins 2 & 3 miswired and data activity. A three pin version is also available.

(B) Handheld Test & Control Price £26

Features

- Compatible with DMX512, DMX512 (1990), DMX512-A

Specification

- 5 pin male XLR
- Integral three colour LED
- Instructions printed on product

Line-Light 3

Price £26

MIDI-Scope



MIDI-Scope is a small hand-held MIDI receiver and transmitter. It is invaluable for debugging MIDI control problems and testing MIDI equipment. It is powered by an internal rechargeable battery with a normal life of some 25 hours.

When used as a receiver the MIDI-Scope's LCD screen can display data in either hexadecimal or as command icons. The received data can be stored in a buffer for detailed review or re-transmission. The receive buffer is controlled by a programmable trigger, allowing the user to capture specific blocks of data.

The transmitter may be used to regenerate received data or to transmit user programmable MIDI messages. Transmitter events can be initiated by received data. The receive and transmit sections operate simultaneously, allowing MIDI-Scope to test MIDI-Merge and MIDI-Filter units.

MIDI-Scope also provides a high power RS485 MIDI Through output which can be used to boost MIDI data over very long cable runs.

(B) Handheld Test & Control Price £595

Features

- Display real time data
- Capture & Review
- Programmable capture trigger
- Scope trigger output
- Continuous, burst, character and triggered transmission
- Retransmit MIDI
- RS485 boost output
- Cable Test

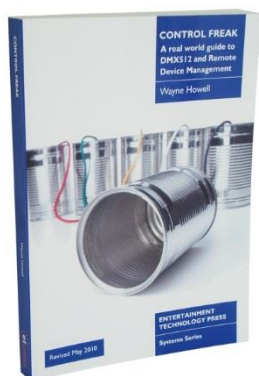
Specification

- Listing: CE FCC
- IP Rating: Indoor use
- Power: 300mW
- Charger Voltage: 90-250VAC
- Input Voltage: 9VDC
- Dim: 45 x 125 x 98 mm
- Signal Connection: DIN5
- Power Connection: DC Jack
- Rear Mounting: Single M4 x 20mm

DMX-Break

Price £165

Control Freak



Control Freak (2nd edition published 2010) is a book by Artistic Licence's Wayne Howell.

DMX512 has been with the lighting industry for many years. The advent of DMX512-A and Remote Device Management offer users much greater flexibility but also adds complexity. Control Freak provides an in depth but real world reference to DMX512 and RDM. It will be equally valid for end users, specifiers and designers.

(B) Handheld Test & Control Price £28.95

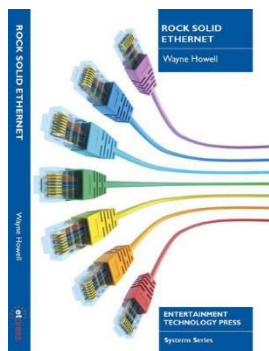
Features

- Chapter Headings;
- Lighting Control Protocols
- The Data
- The Wire
- DMX512 Networks
- Fault Finding & Common Faults
- DMX512-A
- Conversion & Specialist
- Design Considerations
- Remote Device Management
 - Using RDM
 - Packet Structure
 - Discovery Commands
 - RDM Splitters

Specification

- ISBN 978 1 904031 55 0

Rock Solid Ethernet



Rock Solid Ethernet is a book by Artistic Licence's Wayne Howell. The book is now in its 3rd edition, published 2013.

Ethernet technology is becoming commonplace in entertainment technology. This means that end users, specifiers, designers and engineers need to know the rules: What can you do? What can't you do? And what can you get away with?

Rock Solid Ethernet is split into three sections, discussing the technology from the perspective of End Users & Specifiers, System Installers and Manufacturers & Designers. Subjects covered range from making an RJ45 cable through network topology to the use of radio links. The book is laid out in a style that allows the reader to quickly find the answer to their question.

The author comments:

Over the past few years I have looked for a concise reference on the subject of Ethernet. Somewhat to my surprise I was unable to find what I wanted!

There are many good books, but none that covered all of the topics that are needed in entertainment technology. I recall commenting on this to publisher John Offord. His reply: So write one!

(C) Ethernet and Art-Net Price £24.95

Features

- Index Chapters;
- - End Users and Specifiers
- - System Installers
- - Manufacturers & Developers
- - Product Guide

Specification

- ISBN 1 904031 29 3

Art-Lynx O/P



Art-Lynx O/P is a DIN Rail Ethernet to DMX512 converter. It converts two universes of Art-Net or sACN Ethernet into DMX512. RDM is supported when used with Art-Net.

Art-Lynx O/P is housed in a small, robust DIN Rail case. The Ethernet connection is made via an RJ45 and the DMX512 connections by removable screw terminal connectors.

The power input can be either from the Ethernet cable using the IEEE 802.3 standard, or from an external power supply. Configuration is simplicity itself - the three rotary dials are used to select the required DMX512 universe. Alternatively, the product can be remotely configured.

Art-Lynx O/P can be software upgraded via the network connection.

(C) Ethernet and Art-Net Price £410

Features

- DMX routing by Ethernet
- Two DMX512 outputs
- 10BaseT Ethernet Port
- DHCP
- Compatible with DMX512-A
- RDM V1.0 (E1.20 - 2006 ESTA Standard)
- Power indicator
- Data activity indicators
- Art-Net/sACN Compatible
- DIN Rail mounting

Specification

- Listing: CE FCC
- IP Rating: Indoor use
- Power: 2W
- Input Voltage: 9-48VDC
- Width: 106 mm
- Height: 110 mm
- Depth: 62 mm
- Connection: RJ45 and removable screw terminal
- Ethernet port: Isolated to 1kV
- DMX outputs: Ground Referenced

Art-Lynx I/P



Art-Lynx I/P is a DIN Rail DMX512 to Ethernet converter. It converts two universes of DMX512 into Art-Net Ethernet data.

Art-Lynx I/P is housed in a small, robust DIN Rail case. The Ethernet connection is made via an RJ45 and the DMX512 connections by removable screw terminal connectors. The power input can be either from the Ethernet cable using the IEEE 802.3 standard, or from an external power supply. Configuration is simplicity itself. The three rotary dials are used to select the required DMX512 universe. Art-Lynx I/P can also be configured and software upgraded via the network connection.

(C) Ethernet and Art-Net Price £410

Features

- DMX routing by Ethernet
- Two DMX512 inputs
- 10BaseT Ethernet Port
- Compatible with DMX512-A
- Power indicator
- Data activity indicators
- Art-Net Compatible
- DHCP supported
- DIN Rail mounting

Specification

- Listing: CE FCC
- IP Rating: Indoor use
- Power: 2W
- Input Voltage: 9-48 VDC
- Width: 106 mm
- Height: 110 mm
- Depth: 62 mm
- Connection: RJ45 and removable screw terminal
- Ethernet Isolation: Isolated
- DMX Isolation: Ground Referenced

Down-Lynx UK



Down-Lynx converts Ethernet data into two universes of DMX512.

Down-Lynx is housed in a standard 'Two-Gang' panel that is compatible with all standard UK conduit and surface mount boxes; back box supplied.

The Ethernet connection is made to the rear of the panel via an RJ45 connector. Power can be connected by a separate cable, or via the Ethernet cable using the IEEE 802.3 standard.

The front panel provides two DMX512-A outlets which support RDM.

Configuration is simplicity itself. The three rotary dials are used to select the required DMX512 universe.

Down-Lynx can be software upgraded via the network connection.

(C) Ethernet and Art-Net Price £415

Features

- DMX routing by Ethernet
- Art-Net 3 and sACN compatible
- Two DMX512 outputs
- 10BaseT Ethernet Port
- DHCP supported
- Power indicator
- Data activity indicators
- Compatible with DMX512-A
- RDM V1.0 (E1.20 - 2006 ESTA Standard)
- Back Box supplied

Specification

- Listing: CE FCC
- IP Rating: Indoor use
- Power: 2W
- Input Voltage: 9-48VDC
- Height: 85mm
- Width: 146mm
- Depth: 39mm
- DMX Output Connections: XLR5
- Network Connections: RJ45
- Power Connection: RJ45 or IDC
- Isolation Ethernet port: Isolated
- Isolation Power input: Isolated
- Isolation DMX A/B: Ground Referenced

Up-Lynx UK



Up-Lynx is part of the growing range of Art-Net compliant Ethernet products. Up-Lynx converts two universes of DMX512 into Art-Net Ethernet data.

Up-Lynx is housed in a standard 'Two-Gang' panel that is compatible with all standard UK conduit and surface mount boxes; back box supplied.

The Ethernet connection is made to the rear of the panel via an RJ45 connector. Power can be connected by a separate cable, or via the Ethernet cable using the IEEE 802.3 standard. A screw terminal connection for both power and data is available to special order.

The front panel provides two DMX512-A inputs. Configuration is simplicity itself. The three rotary dials are used to select the required DMX512 universe. Up-Lynx can be software upgraded via the network connection.

(C) Ethernet and Art-Net Price £435

Features

- DMX routing by Ethernet
- Connect up to 256 DMX Universes to one network
- Two DMX512 inputs
- 10BaseT Ethernet Port
- Compatible with DMX512-A
- Power indicator
- Data activity indicators
- Art-Net Compatible
- Back Box supplied

Specification

- Listing: CE FCC
- IP Rating: Indoor use
- Power: 2W
- Input Voltage: 9-48VDC
- Height: 85mm
- Width: 146mm
- Depth: 39mm
- DMX Input Connections: XLR5
- Network Connections: RJ45
- Power Connection: RJ45 or IDC
- Isolation Ethernet port: Isolated
- Isolation Power input: Isolated
- Isolation DMX A/B: Non-Isolated

Net-Lynx O/P



Net-Lynx O/P is a desktop ethernet to DMX512 converter. It converts Art-Net ethernet data into two universes of DMX512/RDM, or sACN into two universes of DMX512.

Net-Lynx O/P is housed in a small, robust extruded case. The ethernet connection is made via a latching Neutrik XLR-RJ45 connector. This connector also accepts standard RJ45s. The power input can be either from the ethernet cable using the IEEE 802.3 standard, or from an external power supply.

The front panel provides two DMX512-A outlets. Configuration is simplicity itself - the three rotary dials are used to select the required DMX512 universe. Alternatively, the product can be remotely configured.

This product can be fitted with a Truss Mount Adapter Truss-Ear. Net-Lynx O/P can be software upgraded via the network connection.

Features

- DMX routing by Ethernet
- Compatible with Art-Net and sACN
- Two DMX512 outputs
- 10BaseT Ethernet Port
- Compatible with DMX512-A
- RDM V1.0 (E1.20 - 2006 ESTA Standard)
- DHCP supported
- Power indicator
- Data activity indicators
- Truss Mount Adapter available

Specification

- Listing: CE FCC
- IP Rating: Indoor use
- Power: 2W
- Input Voltage: 9-48VDC
- Current: 35mA @ 48VDC
- Height: 115mm
- Width: 195mm
- Depth: 55mm
- DMX Output Connections: XLR5
- Network Connections: XLR-RJ45
- Power Connection: XLR4
- Isolation Ethernet port: Total Isolation
- Isolation Power input: Total Isolation
- Isolation DMX Output: A/B:Common Ground Referenced

(C) Ethernet and Art-Net Price £530

Net-Lynx I/P



Net-Lynx I/P is a desktop DMX512 to Ethernet converter. It converts two universes of DMX512 into Art-Net Ethernet data.

Net-Lynx I/P is housed in a small, robust extruded case. The Ethernet connection is made via a latching Neutrik XLR-RJ45 connector. This connector also accepts standard RJ45's.

The power input can be either from the Ethernet cable using the IEEE 802.3 standard, or from an external power supply. The front panel provides two DMX512-A inputs. Configuration is simplicity itself. The three rotary dials are used to select the required DMX512 universe.

Net-Lynx I/P can be software upgraded via the network connection. This product can be fitted with a Truss Mount Adapter Truss-Ear.

Features

- DMX routing by Ethernet
- Two DMX512 inputs
- 10BaseT Ethernet Port
- Compatible with DMX512, DMX512(1990), DMX512-A
- Power indicator
- Data activity indicators
- Art-Net Compatible
- DHCP supported
- Truss Mount Adapter available

Specification

- Listing: CE FCC
- IP Rating: Indoor use
- Power: 2W
- Input Voltage: 9-48VDC
- Height: 115mm
- Width: 195mm
- Depth: 55mm
- DMX Input Connections: XLR5
- Network Connections: XLR-RJ45
- Power Connection: XLR4
- Isolation Ethernet port: Isolated
- Isolation Power input: Isolated
- Isolation DMX A/B: Non-Isolated

(C) Ethernet and Art-Net Price £530

Truss-Ears

Price £49

Cata-Lynx O/P



Cata-Lynx O/P is a rack mounted ethernet (Art-Net or sACN) to two universe DMX512 converter.

Cata-Lynx O/P is designed with all data cable entries at the front of the product, including two DMX512 outputs via 5-pin XLR and a latching network connection via Ethercon. The universal mains input connector is located on the rear of the unit.

Configuration is as simple as selecting the required universe on the front panel wheel selections. Alternatively, the product can be remotely configured using the free of charge DMX-Workshop software via the network or the internal web-server.

Cata-Lynx O/P is fully RDM (Remote Device Management) compatible.

(C) Ethernet and Art-Net Price £595

Features

- DMX routing by Ethernet
- Two independent DMX512 outputs
- Each output has two separate DMX ports
- 10/100BaseT Ethernet Port
- Data activity indicators
- Compatible with Art-Net
- Compatible with sACN
- Compatible with DMX512-A
- Compatible with RDM V1.0 (E1.20 - 2006 ESTA Standard)
- DHCP supported

Specification

- Listing: CE FCC
- IP Rating: Indoor use
- Power: 30W
- Input Voltage: 90-250VAC
- Height: 1RU, Depth: 257mm
- Width: 19" Rack
- DMX Control Connections: XLR5
- Ethernet Connection: Ethercon
- Mains Connection: IEC
- Ethernet port: Isolated to 1kV
- DMX outputs: Ground Referenced

Cata-Lynx I/P



Cata-Lynx I/P is a rack-mounted, two universe DMX512 to Art-Net Ethernet converter.

It is aimed at the light and video convergence market for use with media servers. Cata-Lynx I/P provides a cost effective and elegant method to remotely control any Art-Net compliant media server such as the High End Systems Catalyst or Scene Change Hippotizer. It can also be used with Art-Net compliant visualisation software such as Cast Lighting's WYSIWYG and Design & Drafting's LD Assistant.

Configuration can be achieved using the front panel wheels, DMX-Workshop or the internal web-server.

(C) Ethernet and Art-Net Price £595

Features

- DMX routing by Ethernet
- Two independent DMX512 inputs
- Each input has an XLR loop-through connection
- 10/100BaseT Ethernet Port
- Data activity indicators
- Compatible with Art-Net
- Compatible with DMX512-A
- DHCP supported

Specification

- Listing: CE FCC
- IP Rating: Indoor use
- Power: 100W
- Input Voltage: 90-250VAC
- Height: 1RU, Depth: 257mm
- Width: 19" Rack
- DMX Control Connections: XLR5
- Art-Net Connections: Ethercon
- Mains Connection: IEC
- Isolation Ethernet port: Isolated
- Isolation Power input: Isolated
- Isolation DMX Inputs: Ground Referenced

Ether-Lynx II



Ether-Lynx II is a 1RU 19" rack mounted ethernet (Art-Net or sACN) to DMX512 and DMX512 to Art-Net converter. It provides a true Plug and Play solution for DMX512 cabling and distribution in all applications needing fast and robust transmission of lighting control data. The four DMX512 outputs are fully bi-directional allowing DMX512 data to be returned to the lighting console using the ESTA RDM standard. The two DMX512 inputs are fully optically isolated. Ether-Lynx is fully DMX512-A compliant. Network connectivity is achieved using either the front or rear mounted Ethercon RJ45 connector.

(C) Ethernet and Art-Net Price £1275

Features

- DMX routing by Ethernet
- Two independently Isolated DMX512 inputs
- Four DMX512 outputs
- 2 RJ45 10/100BaseT ports (Ethercons)
- Data activity indicators
- Compatible with Art-Net
- Compatible with sACN
- Compatible with DMX512-A
- Compatible with RDM V1.0 (E1.20 - 2006 ESTA Standard)
- DHCP supported

Specification

- Listing: CE FCC
- IP Rating: Indoor use
- Power: 30W
- Input Voltage: 90-250 VAC
- Height: 1RU, Depth: 257mm
- Width: 19" Rack
- DMX Control Connections: XLR5
- Art-Net Connections: Ethercon
- Mains Connection: IEC
- Isolation Ethernet port: Isolated
- Isolation Power input: Isolated
- Isolation DMX Inputs: Isolated
- Isolation DMX Outputs: Ground Referenced

Data-Lynx I/P



Data-Lynx I/P is a 1RU 19" rack mounting DMX512 to Art-Net converter. The product is a no frills solution that gives the customer maximum packing density and the lowest cost whilst maintaining the customary Artistic Licence quality.

The standard product provides 12 DMX512 inputs, using front mounted Neutrik XLR 5 pin connectors. Network connectivity is achieved using either the front or rear mounted Ethercon RJ45 connector.

A single front panel control sets the 'Box Address' for the simplest possible configuration. As with all Artistic Licence Art-Net products, DMX-Workshop can be used for detailed configuration such as individual universe addressing. Configuration can also be achieved using the internal web-server.

The product is powered via a universal mains IEC connector located on the rear of the unit.

(C) Ethernet and Art-Net Price £1775

Features

- Modular control & distribution
- Internal Ethernet switch
- 2 RJ45 10/100BaseT ports (Ethercons)
- 12 DMX512 inputs
- DHCP supported
- Universal mains input

Specification

- Listing: CE FCC
- IP Rating: Indoor use
- Power: 30W
- Input Voltage: 90-250 VAC
- Height: 1RU, Depth: 265mm
- Width: 19" Rack
- Art-Net Connections: RJ45 x 2 (Ethercon)
- Mains Connection: IEC
- Isolation Ethernet port: Isolated
- Isolation DMX Inputs: Ground Referenced
- DMX512 or DMX512-A compatible

Data-Lynx IO/P



Data-Lynx IO/P is a 1RU 19" rack mounting ethernet (Art-Net or sACN) to DMX512 and DMX512 to Art-Net converter. The product is a no frills solution that gives the customer maximum packing density and the lowest cost whilst maintaining the customary Artistic Licence quality.

The standard product provides 6 DMX512 inputs along with 6 DMX512/RDM outputs, using front mounted Neutrik XLR 5 pin connectors. Network connectivity is achieved using either the front or rear mounted Ethercon RJ45 connector.

A single front panel control sets the 'Box Address' for the simplest possible configuration. As with all Artistic Licence Art-Net products, DMX-Workshop can be used for detailed configuration such as individual universe addressing. Configuration can also be achieved using the internal web-server.

The Data-Lynx outputs are fully RDM (Remote Device Management) compatible.

The product is powered via a universal mains IEC connector located on the rear of the unit.

(C) Ethernet and Art-Net Price £1875

Features

- Modular control & distribution
- Internal Ethernet switch
- 2 RJ45 10/100BaseT ports (Ethercons)
- 6 DMX512 inputs
- 6 DMX512 / RDM outputs
- Universal mains input
- RDM V1.0 (E1.20 - 2006 ESTA Standard)
- DHCP

Specification

- Listing: CE FCC
- IP Rating: Indoor use
- Power: 30W
- Input Voltage: 90-250VAC
- Height: 1RU, Depth: 265mm
- Width: 19" Rack
- Ethernet Connections: RJ45 x 2 (Ethercon)
- Mains Connection: IEC
- Ethernet ports isolated to 1kV
- DMX Outputs: Ground Referenced
- DMX Inputs: Ground Referenced
- DMX512 or DMX512-A compatible
- Art-Net or sACN

Data-Lynx O/P



Data-Lynx O/P is a 1RU 19" rack mounting Art-Net to DMX512 and RDM (or sACN to DMX512) converter. The product is a no-frills solution that gives the customer maximum packing density and the lowest cost while maintaining the customary Artistic Licence quality.

The standard product provides 12 DMX512/RDM outputs, using front mounted Neutrik XLR 5 pin connectors. Network connectivity is achieved using either the front or rear mounted Ethercon RJ45 connector

A single front panel control sets the 'Box Address' for the simplest possible configuration. As with all Artistic Licence Art-Net products, DMX-Workshop can be used for detailed configuration such as individual universe addressing. Configuration can also be achieved using the internal web-server.

The Data-Lynx outputs are fully RDM (Remote Device Management) compatible. The product is powered via a universal mains IEC connector located on the rear of the unit.

(C) Ethernet and Art-Net Price £1775

Features

- Modular control & distribution
- Internal Ethernet switch
- 2 RJ45 10/100BaseT ports (Ethercons)
- Art-Net 3 & sACN support
- 12 DMX512 / RDM outputs
- Universal mains input
- RDM V1.0 (E1.20 - 2006 ESTA Standard)
- DHCP

Specification

- Listing: CE FCC
- IP Rating: Indoor use
- Power: 30W
- Input Voltage: 90-250VAC
- Height: 1RU, Depth: 265mm
- Width: 19" Rack
- Art-Net Connections: RJ45 x 2 (Ethercon)
- Mains Connection: IEC
- Isolation Ethernet port: Isolated
- Isolation DMX Outputs: Ground Referenced
- DMX512 or DMX512-A compatible

Art-Switch PoE4



Art-Switch PoE4 is a DIN-Rail Ethernet switch. It provides five 10/100BaseT Ethernet ports, four of which support Power over Ethernet (PoE).

Art-Switch PoE4 is housed in a small robust DIN Rail case that can also be surface mounted. All Ethernet connections are made via RJ45's. Each port has individual indicators to show speed of connection, PoE use and activity.

The PoE output on the four ports complies with the IEEE802.3af standard. The power input required is 48V DC and is via an un-pluggable screw terminal connector (supplied). Art-Switch is capable of auto configuration per port, which includes speed, duplex and cable type.

Art-Switch is capable of providing power and data to four other products in the Art-Range such as Art-Lynx O/P or Art-Relay.

(C) Ethernet and Art-Net Price £365

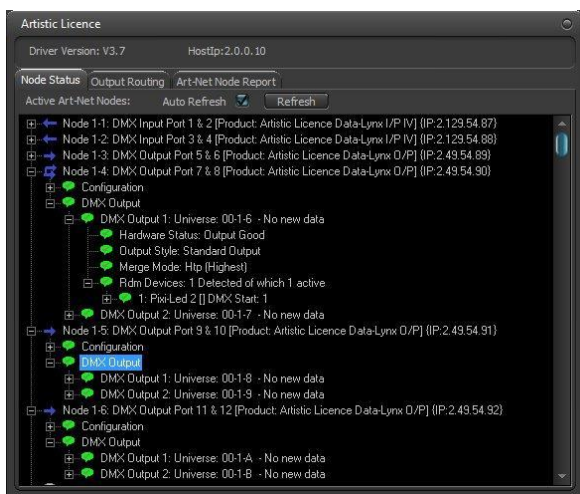
Features

- 5 port Ethernet Switch
- 10BaseT / 100BaseT
- Half / Full-Duplex
- IEEE802.3af PoE capable (4 port)
- DIN-Rail or surface mount
- Art-Net compatible
- Power indicator
- Individual port speed, activity & PoE indicators
- Auto-sensing per port
- Auto-uplink detection (cable type)
- Power Device (PD) Detection and Classification

Specification

- Listing: CE FCC
- IP Rating: Indoor use
- Power: 48W
- Input Voltage: 48VDC
- Width: 106 mm
- Height: 110 mm
- Depth: 62 mm
- Connection: RJ45 and removable screw terminal
- Ethernet Isolation: Isolated
- PoE: Class 0 to Class 4 supported

DMX-Workshop



DMX-Workshop is a software application that runs on all Windows platforms. It is free of charge and available via download.

DMX-Workshop is a full features network management, analysis, configuration and diagnostics tool for Art-Net networks.

The Art-Net SDK is included with the package.

(C) Ethernet and Art-Net Price £-1

Features

- View DMX data
- Flicker finder with time stamp
- Oscilloscope data view
- Max / Min data view
- Transmit signature data
- View Text & SIP DMX packets
- Graph DMX and network refresh
- Analyse and decode network data
- Packet and bandwidth counting
- Node management
- Data routing utility
- RDM data configuration
- Art-Net SDK

Specification

- Software Package is available via download only
- Windows XP & Windows 7 & 8 (32 & 64-bit)

Show2Art

...

Show2Art is used to convert the ShowNet output of a Strand Lighting console into Art-Net. This allows Artistic Licence Art-Net products such as Net-Lynx to be used for data distribution.

(C) Ethernet and Art-Net Price £-1

Features

- Convert Strand ShowNet to Art-Net

Specification

- Software Package is available via download only
- Free-of-charge download
- Windows XP or Windows 7

Art-Merge

...

Art-Merge is capable of merging and routing up to 20 Art-Net DMX sources to 4 outputs. Each possible input can be assigned a start channel offset and number of channels to be processed. Additionally, the channel address at which data starts in each output stream is also programmable. Inputs may be assigned duplicate sources, allowing multiple consecutive channel groups to be gated out of the data stream.

(C) Ethernet and Art-Net Price £155

Features

- 20 input sources
- 4 output destinations
- Htp merge
- Input offset and channel count
- Output offset
- Data active indication

Specification

- Software Package supplied on CD. This product requires a PC with 10BaseT Ethernet card
- Windows 98, ME 2000, XP, Vista (32-bit)

Art-Route

...

Art-Route is designed to route data between two networks using independent network connections. Art-Net DMX data received at the input network is checked to see whether a consumer for the universe exists on the output network. If it does, the data is converted to unicast and routed to the output network. If not, the data is dropped.

(C) Ethernet and Art-Net Price £-1

Features

- Twin network card support.
- Converts incoming Art-Net data to unicast.

Specification

- Software Package is installed as part of DMX-Workshop. This product requires a PC with two network cards.
- Windows XP

Light-Switch



Light-Switch is a DMX512 playback system, controlled by 14 buttons. Features include 3 pages of 8 memories. Each memory contains all 512 channels and an Independent Fade Time. A fourth page provides 6 sequences with variable step times and direction control.

Up to 15 Light-Switch panels can be connected to a single DMX512 cable. Each panel can be programmed to control a specific zone or group of DMX channels. This allows Light-Switch to be used in multi-room or multi-zone applications.

The entire system is programmed by a PC application: Switch-Edit. Once programmed, the show is downloaded and programmed to flash memory. Switch-Edit contains a moving lamp library and fully implements both post and pre-master channels. This feature allows all types of DMX devices to be freely mixed. Light-Switch can also be programmed by recording DMX512 from a lighting console.

An infrared port is included, allowing remote control with standard 'TV' style hand sets Com-Remote. The UK version mounts in a 2 gang UK Back-Box (supplied) orientated vertically (portrait) or horizontally (landscape). The US version mounts in a 3 gang US Back Box (not supplied). Light-Switch requires a 9VDC PSU (not included). Light-Switch will find applications in conference room, retail, domestic, trade show and museum exhibit applications. The picture shows Light-Switch landscape mounted on the optional Back Box.

(D) Lighting Controllers & Media Convertors Price £315

Features

- UK panel mount
- Wall mount DMX512 controller
- DMX512 output
- 512 channel output
- 3 pages of 8 memories
- Individual fade time per memory
- 1 page of 6 sequences
- Sequences built from 100 memories
- Individual sequence step times
- Grand master control
- Define any channel as G-M controlled
- Multiple zone control
- Infrared remote sensor
- Illuminated switches
- RS232 triggering
- (No Programming Kit)
- Back Box supplied (UK only)

Specification

- Listing: CE FCC
- IP Rating: Indoor use
- Power: 2W
- Input Voltage: 9VDC
- Height: 85mm
- Width: 146mm
- Depth: 39mm inc mated connectors
- DMX512: Screw Terminal
- Power Connection: Screw Terminal
- Power & DMX not connected to chassis

Light-Switch Landscape

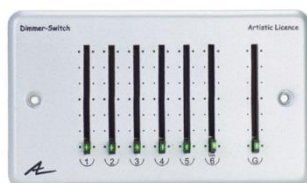
Price £315

Switch-Edit

Price £125

Dimmer-Switch

(D) Lighting Controllers & Media Convertors Price £315



Dimmer-Switch is a wall mounted DMX512 controller. It contains six sliders, each of which can playback a static 'look' or a dynamic sequence. A seventh Grand Master slider provides overall intensity control.

The entire system is programmed by a PC application: Dim-Edit. Once programmed, the show is downloaded and programmed to flash memory. Dim-Edit contains a moving lamp library and fully implements both post and pre-master channels.

Dimmer-Switch can operate as a master controller for an external lighting console. In this mode, slider 6 becomes the master fader for the DMX512 input. This feature is particularly useful in multifunction venues.

Features

- UK panel mount
- Wall mount DMX512 controller
- DMX512 output
- 512 channel output
- Grand master control
- Illuminated faders
- (No Programming Kit)
- Back Box supplied (UK version only)

Specification

- Listing: CE FCC
- IP Rating: Indoor use
- Power: 2W
- Input Voltage: 9 - 24 VDC
- Height: 85mm
- Width: 146mm
- Depth: 30mm inc mated connectors
- DMX512: Screw Terminal
- Power Connection: Screw Terminal
- Power & DMX not connected to chassis

Dim-Edit

Price £125

Sign-Control



Sign-Control is aimed at the LED signage industry suitable for control over LED display applications. The product is available in a DIN Rail case that can also be surface mounted to a wall.

Sign-Control is a DMX512 playback system, controlled by 14 buttons. Features include 3 pages of 8 memories. Each memory contains all 512 channels and an Independent Fade Time. A fourth page provides 6 sequences with variable step times and direction control.

With additional triggers, Sign-Control can be controlled by a variety of events; such as an integral Real Time Clock (RTC), RS232 and external contacts. This allows Sign-Control to integrate into larger systems with BMS (Building Management System) interfaces.

Up to 15 Sign-Control panels can be connected to a single DMX512 cable. Each panel can be programmed to control a specific zone or group of DMX channels. This allows Sign-Control to be used in multi-room or multi-zone applications. Light-Switch can also be used as remote panels.

The entire system is programmed by a PC application: Sign-Edit. Once programmed, the show is downloaded and programmed to flash memory.

(D) Lighting Controllers & Media Convertors Price £405

Features

- DIN Rail mount DMX512 controller
- DMX512 output
- 512 channel output
- 3 pages of 8 memories
- Individual fade time per memory
- 1 page of 6 sequences
- Sequences built from 100 memories
- Individual sequence step times
- Grand master control
- Multiple zone control
- Real Time Clock (2 triggers)
- RS232 Trigger
- Contact Closure Trigger
- (No Programming Kit)

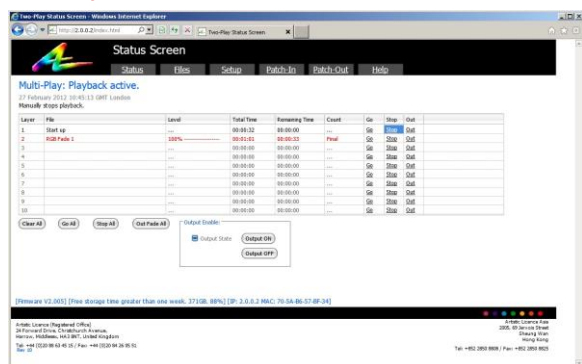
Specification

- Listing: CE FCC
- IP Rating: Indoor use
- Power: 8W
- Input Voltage: 9-48VDC
- Height: 90mm
- Width: 88mm
- Depth: 58mm
- DMX512: Screw Terminal
- Power Connection: Screw Terminal

Sign-Edit

Price £125

Multi-Play Rack



Multi-Play Rack is a rack-mounted hardware device for show recording and playback via a choice of output protocols.

Multi-Play allows the user to record up to 12 Universes from any Art-Net lighting console into 'show' files. Recording can be started and stopped either manually or using a trigger channel allowing perfect synchronisation.

Shows can be played back using various triggers such as Time of Day, DMX channels or Art-Net Macros. Mica has been designed to be a 'interface' for Multi-Play by providing push button triggering capabilities.

Playback protocols include Art-Net, ACN (E1.31), KiNet and ShowNet. Each universe can be individually selected providing a versatile cross protocol output platform.

(D) Lighting Controllers & Media Convertors Price £3985

Features

- Show Record & Playback
- 12 Universes (Art-Net, ACN, Ki-Net, ShowNet)
- 6 Simultaneous Playbacks
- Real Time Clock Trigger
- Art-Net Macro Trigger
- DMX Channel Trigger
- Internal Memory allowing hours of storage
- Web-Browser Configuration

Specification

- Listing: CE FCC
- IP Rating: Indoor use
- Power: 50W
- Input Voltage: 90-250VAC (Switchable)
- Height: 2RU (88mm)
- Depth: 402mm
- Width: 19" Rack (483mm inc ears)
- Art-Net Connections: RJ45
- Mains Connection: IEC

dVnet



dVnet is all a user needs to convert a video creation to light. A digital-video-to-network converter aimed at retail and architectural applications where a media facade or light sculpture is to be controlled by video and the complexity of a media server is not required.

The digital video input is in HDMI format. Configuration is simplicity itself, with less than ten mouse-clicks required to render video to a media wall.

dVnet can also play-back video clips manually loaded onto its internal hard drive, or via the incorporated play list manager which facilitates easy management of video clip content. Output is via a gigabit network connection with protocol support for Art-Net 3, sACN and both variants of KiNet.

dVnet is housed in a 2U 19-inch rack case for easy integration into existing rack-mounted systems.

dVnet is available in three variants:

dVnet: 20,000 pixels, 50Hz HDMI input up to 1920x1080i interlaced.
dVnet pro: 20,000 pixels, 50/60Hz HDMI input up to 1920x1080p progressive.
dVnet extreme: 50,000 pixels, 50/60Hz HDMI input up to 1920x1080p progressive.

(D) Lighting Controllers & Media Convertors Price £3555

Features

- Real time conversion of digital video files or live video input
- 20,000 pixels (standard or custom pixels)
- HDMI Input (50Hz 1920 x 1080i)
- Playlist Manager
- Remote Triggering / Control
- Art-Net / sACN E1.31 / KiNet (D/P)
- 6 Rear USB / 2 Front USB Connectors
- Colour Correction for RGB pixels
- Real time Modifier Function set
- Network patch mode
- IP camera and streaming video supported

Specification

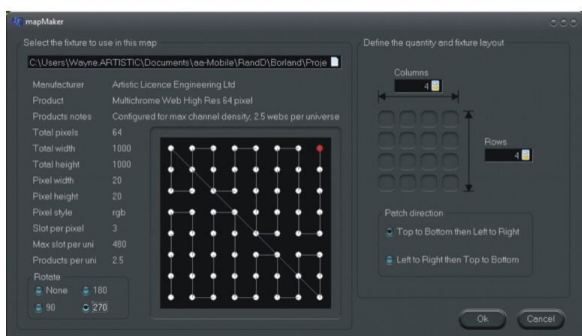
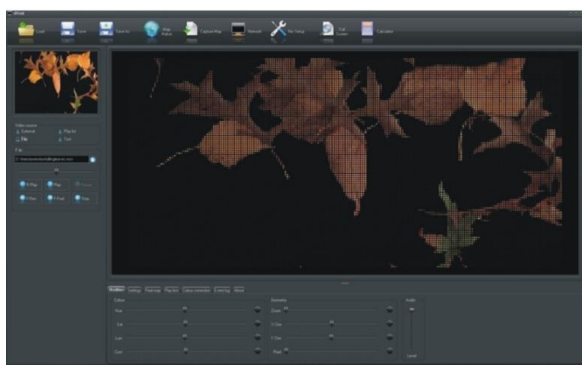
- Listing: CE, FCC
- IP Rating: Indoor Use
- Power: 50W
- Input Voltage: 90-250VAC
- Height: 2RU (88mm)
- Depth: 402mm
- Width: 19" Rack (483mm inc ears)
- Mounting: 19" Rack or Desktop
- Mains Connection: IEC
- Network: RJ45 1Gbps Interface
- Video Input: HDMI
- Operating Temperature: 0°C to 40°C
- Warranty: 2 Years RTB

dVnet pro

Price £4950

dVnet extreme

(D) Lighting Controllers & Media Convertors Price £8695



As dVnet but with a 50,000 pixel limit and a 50/60Hz HDMI video input up to 1920x1080p progressive.

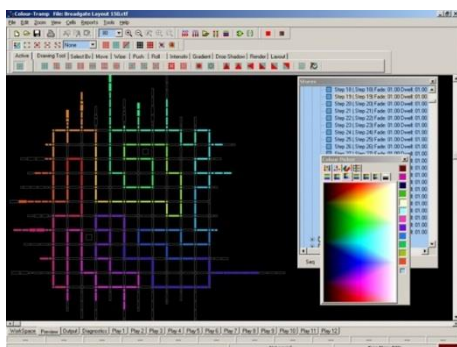
Features

- Real time conversion of digital video files or live video input
- 50,000 pixels (standard or custom pixels)
- HDMI Input (50/60Hz 1920 x 1080i/p)
- Playlist Manager
- Remote Triggering / Control
- Art-Net / sACN E1.31 / KiNet (D/P)
- 6 Rear USB / 2 Front USB Connectors
- Colour Correction for RGB pixels
- Real time Modifier function set
- Network patch mode
- IP camera and streaming video supported

Specification

- Listing: CE, FCC
- IP Rating: Indoor Use
- Power: 50W
- Input Voltage: 90-250VAC
- Height: 2RU
- Depth: 265mm
- Width: 19" Rack
- Mounting: 19" Rack or Desktop
- Mains Connection: IEC
- Network: RJ45 1Gbps Interface
- Video Input: HDMI
- Operating Temperature: 0°C to 40°C
- Warranty: 2 Years RTB

Colour-Tramp 1U



Colour-Tramp is a lighting control system specifically designed to handle the complexity of two and three dimensional lighting arrays.

Colour-Tramp combines the concept of lighting control with a graphic editor. The lighting array is entered using a sophisticated graphic user interface. Show programming is then performed using colour palettes and visual editing tools.

Colour-Tramp is much more than just a lighting controller. It provides a full implementation of Remote Device Management (RDM). This allows Colour-Tramp to communicate with the lighting fixtures.

Key RDM features include the ability to remotely program the fixtures start address. Another innovative feature is the diagnostics display screen. In diagnostics mode, the geographic screen layout displays colour coded feedback of fixture status and sensors. The display is very intuitive, showing green for normal operation, magenta when the fixture start address does not match the patch, yellow for warnings such as a marginal over-temperature in the fixture and red for a fault condition.

Colour-Tramp outputs using the Art-Net Ethernet standard. Any Art-Net compatible products such as Ether-Lynx, Net-Lynx O/P or Data-Lynx can be used to convert to DMX512.

Colour-Tramp provides multiple sub-masters for playback of lighting sequences. The interaction between sub-masters is user programmable. Simple merging of sub-masters is the default, but options include subtractive, additive and matte based schemes.

Colour-Tramp provides a range of editing tools that allow selection and colouring of geometric shapes of lamps. Further editing controls provide the ability to shift, wipe, move, rotate and much more.

Off-Line: The Off-Line version can be used for show programming, client presentation and software demonstration. It contains all the features of the full version but does not output Art-Net. It is free of charge.

On-Line: The full version of the product is available in different channel output configurations. These product versions are protected by an USB device. Order codes are Colour-Tramp followed by the number of universes required.

(D) Lighting Controllers & Media Convertors **Price £795**

Features

- 512 channel operation
- 10 Submasters
- Stacks
- Time-Code
- Ethernet output
- Bitmap Render
- RDM Standard V1.0
- Windows 7 (32 and 64-bit supported)
- (Net-Books are not suitable)
- (Note The 512 channel version has no video or render capability)
- Rack PC with Colour-Tramp pre-installed is available

Specification

- Package includes software on CD, printed user manuals and USB security device (dinkey)
- Requirements:
- Colour-Tramp is a very powerful software package and requires an equally powerful PC. The following should be considered a minimum, but more computer power equates to better performance:
- Processor speed 2GHz, 4GB Memory, 1024 x 768 graphics with 32 bit colour.
- 100BaseT Network Card
- We recommend Windows 7 for Colour-Tramp.

| | |
|-----------------------------|---------------------|
| Colour-Tramp 2U | Price £1590 |
| Colour-Tramp 4U | Price £2180 |
| Colour-Tramp 8U | Price £3360 |
| Colour-Tramp 20U | Price £6900 |
| Colour-Tramp 40U | Price £12800 |
| Colour-Tramp SL | Price £24600 |
| Colour-Tramp Rack PC | Price £1995 |

Finger-Trouble



Finger-Trouble is a Windows application designed for touch screen operation. It provides a customer facing interface for selecting and triggering audio-visual and lighting events.

The product uses a configurable matrix of touch screen buttons to send custom trigger signals to connected equipment using Ethernet, Art-Net, MIDI and RS232. Button pages can also be changed based on received triggers or time clock events.

Features;

Time Triggered Events / MIDI Time Code / MIDI Notes / MIDI SysEx
RS232 Pattern Matching / Network Triggers
Internal Variables and Equations / Machine Control
Wildcard Data Harvesting

(D) Lighting Controllers & Media Convertors Price £8980

Features

- User Interface for Art-Net Networks
- Built in advertising system for inactive periods
- Applications: Conference centres, Architectural lighting

Specification

- Package includes software on CD, printed user manuals and USB security device.
- Requirements:
- Pentium running at 2GHz, 1GB Memory, 1024 x 768 graphics with 24 or 32 bit colour.
- We recommend Windows 7.

Mica



Mica has been designed to provide a user interface panel for Multi-Play, Colour-Tramp, dVnet or any controller that can accept Art-Net Macros or ArtDMX trigger packets.

Configuration is achieved using DIP switches mounted on the back of the panel. This allows the choice between the type of trigger packets being sent (ArtDMX or ArtMacro), the range of values sent and the IP address configuration.

(D) Lighting Controllers & Media Convertors Price £395

Features

- 2-Gang UK Mounting (Back box supplied)
- Art-Net compatible
- DHCP client option
- ArtDMX or ArtMacro packets
- LED indication of last button pressed
- PoE enabled

Specification

- Listing: CE FCC
- IP Rating: Indoor use
- Power: 2W
- Input Voltage: 9VDC or PoE
- Height: 85mm
- Width: 146mm
- Depth: 41mm
- Art-Net Connection: RJ45

Rail-DALI-DMX



Rail-DALI-DMX is a true bridge between architectural control and entertainment lighting. The product converts one circuit of DALI to DMX512 and has two personalities that control the type of conversion.

The first personality will simulate a variable number of DALI ballast, offering full control over short address, groups and scenes, and control the DMX fixtures directly. This will allow existing DALI controllers to use DMX fixtures without any DMX Controllers. Each virtual DALI ballast will act according to the DALI specification and have the following features;

- 1) Can be commissioned according to the spec (random addressing)
- 2) Short address can be changed
- 3) The virtual ballast can be assigned to any of the 16 groups
- 4) Up to 16 scenes can be programmed and recalled
- 5) Virtual ballasts can be set with a 0, 1 or 4 second fade time

The second personality is used to provide a trigger mechanism between the DALI and DMX systems. Rail-DALI-DMX will be able to simulate a multiple number of DALI ballasts and will convert the level values to DMX. It will simultaneously convert channels, groups and scenes to DMX.

An additional feature, for both personalities, is a 'dimming curve' translation function. This product requires a 9V to 24V PSU. The DALI circuit requires a DALI Bus PSU. An example of this is Rail-PSU-D4.

Features

- DALI to DMX512 conversion (1 circuit)
- Ballast Mode (up to 64 virtual ballasts)
- Trigger Mode (used to convert DALI to DMX values)
- 'Dimming Curve' Translation
- Variable number of simulated ballasts
- Responds to 'query' commands (Ballast Mode)
- DIN Rail mount
- Surface mount
- DMX Fade Time (Virtual Mode)

(E) Interface Products Price £415

Specification

- Input Voltage: 9-24VDC
- Power: 10W
- Protection: Internal 500mA electronic fuse
- Protocols: DMX512 / DALI 62389-102
- Duty Cycle: 80%
- Listing: CE FCC
- IP Rating: Indoor use
- Height: 90mm
- Width: 88mm
- Depth: 58mm

Rail-DMX-DALI



Rail-DMX-DALI provides control over DALI ballasts from a DMX Controller. Based on the previous Rail-DALI product, Rail-DMX-DALI has evolved into a powerful intelligent converter that can convert up to 256 channels.

It provides simultaneous conversion for; Channels, Groups or Scenes.

With these three options it enables users to overcome the speed differences between DMX and DALI by using groups and scenes to control multiple ballasts with a single command. In addition the channels and groups can be selected to a true broadcast mode to each one of the four outputs

For any configuration a conversion of the 'dimming curve' can take place. DALI uses an exponential type curve while DMX uses a linear curve. If there are the two types of dimmers a conversion between the two types will be needed to match the fade profiles

This product requires a 9V to 24V PSU. The DALI circuit requires a DALI Bus PSU. An example of this is Rail-PSU-D4.

Features

- DMX512 to DALI conversion
- Simultaneous conversion of Channels, Groups, Scenes
- Configurable Start Addresses
- 'Dimming Curve' Translation
- Four DALI Circuits
- DIN Rail mount
- Surface mount

(E) Interface Products Price £415

Specification

- Input Voltage: 9-24VDC
- Power: 10W
- Protection: Internal 500mA electronic fuse
- Protocols: DMX512-A, DALI
- RDM V1.0 (E1.20 - 2006 ESTA Standard)
- Duty Cycle: 80%
- Listing: CE FCC
- IP Rating: Indoor use
- Height: 90mm
- Width: 88mm
- Depth: 58mm

Rail-PSU-D4



The D4 is a four circuit DALI Bus Power Supply. Rail-PSU-D4 outputs are designed to complement the four Rail-DMX-DALI outputs. Users can power both from the same DC power supply in a power-through connection. Each circuit has two sets of connectors so the D4 can simply be daisy chained into each DALI bus. Red LEDs give power status. Green LEDs show data activity. Please note that a DC power supply is required for this product.

(E) Interface Products Price £265

Features

- Four outputs with loop through
- Supply voltage loop through
- Current limited outputs
- Daisy chain power connection
- DALI voltage present indicator
- Individual data activity indicators

Specification

- Listing: CE FCC
- IP Rating: Indoor use
- Input Voltage: 24 VDC
- Output Voltage: 16V
- Output Current: 200mA (per output)

Dali-Scope



Dali-Scope is a hand-held tool for testing, programming and configuring DALI (Digital Addressable Lighting Interface) devices. Dali-Scope is the first hand-held tool specifically designed for DALI.

The product display uses high brightness LEDs making it easy to use in low light conditions. The moisture proof keypad uses single function keys for ease of operation. Dali-Scope is powered by two AA batteries and offers over 12 hours continuous operation. The product is compatible with rechargeable batteries and provides a programmable power off timer to further extend battery life.

What makes Dali-Scope Innovative? Industry first hand-held tool for DALI. Ability to test the bus power supply. Low cost allows both individual and company ownership. Allows commissioning of DALI fixtures without PC. Simplifies re-configuration after fixture changes or additions.

(E) Interface Products Price £285

Features

- Set the fixture address including group assignments
- Auto-patch fixture addresses
- Test the fixture
- Transmit single levels, group and scene
- Walk test; cycle through channels groups and scenes
- Read all current DALI levels for channels, groups and scenes
- Read latest DALI levels for channels, groups and scenes
- Programme scenes
- Read back configuration info
- Read back status information such as lamp hours + lamp voltage.
- Test the DALI bus power supply.
- Test lead included

Specification

- Listing: CE FCC
- IP Rating: Indoor use
- Power: 2 x AA Battery
- Height: 95 mm
- Width: 65 mm
- Depth: 28 mm
- Signal Connection: RCA Jack (phono)
- Phono to croc-clip lead included

DALI-USB



A USB tool that is used for monitoring and configuration of a DALI circuit on a Windows PC platform.

(E) Interface Products Price £315

Features

- Monitor DALI traffic
- Configure DALI ballasts / fixtures
- Transmit DALI Commands

Specification

- Listing: CE, RoHS
- IP Rating: Indoor Use
- Power: From USB Interface
- Height: 29.5mm
- Width: 51mm
- Length: 101.5mm
- Connections: USB lead included
- DALI connections via screw terminals

Rail-DMX-DSI



Based on the product Rail-DMX-DALI, Rail-DMX-DSI converts DMX to four DSI outputs. Each DSI output uses one DMX channel as DSI is a broadcast protocol.

The start address for each conversion channel can be set independently allowing custom patching. As with Rail-DMX-DALI there is a 'dimmer curve translation' feature built in that converts a DMX curve in a DSI dimming curve.

This product requires a 9V to 24V PSU. The DSI circuit requires a DALI/DSI Bus PSU. An example of this is Rail-PSU-D4.

(E) Interface Products Price £375

Features

- DMX512 to DSI conversion
- Configurable Start Addresses
- 'Dimming Curve' Translation
- Four DSI Circuits
- DIN Rail mount
- Surface mount

Specification

- Input Voltage: 9-24VDC
- Power: 10W
- Protection: Internal 500mA electronic fuse
- Protocols: DMX512-A, DSI
- RDM V1.0 (E1.20 - 2006 ESTA Standard)
- Duty Cycle: 80%
- Listing: CE FCC
- IP Rating: Indoor use
- Height: 90mm
- Width: 88mm
- Depth: 58mm

Rail-Demux



DMX512 to analogue conversion has two key applications: Upgrading older analogue dimmers and driving fluorescent ballasts.

Rail-Demux is an elegant solution to both applications and provides 16 analogue outputs with DMX512 and RDM support. It is housed in a high impact DIN-Rail mounting case.

(E) Interface Products Price £395

Features

- 16 Analogue outputs
- 0 - 10V DC output
- DMX512 Interface
- RDM V1.0 (E1.20 - 2006 ESTA Standard)
- DIN Rail mount
- Surface mount

Specification

- Input Voltage: 24VDC
- Power: 10W
- Input Protocol: DMX512 / RDM
- Output Ripple: 0.5LSB
- Duty Cycle: 100%
- Listing: CE FCC
- IP Rating: Indoor use
- Dims: 90mm (h) x 88mm (w) x 58mm (d)

daliSwitch



In theatre, touring and architectural applications there are invariably some devices that do not provide a useful form of remote control.

daliSwitch® is an elegant solution to the automation of these devices. Housed in a high impact DIN Rail mounting case, daliSwitch provides six mains voltage relays that are controlled via DALI. The product is powered via an external DC power supply unit.

Each relay simulates a virtual DALI ballast and can be switched independently. Moreover, all the standard DALI commands are enabled, allowing the relays to be controlled in groups or scenes, or to respond identically to a broadcast command.

The product features front panel LED indicators for power, data and individual relay output. There is also a warning light that illuminates if the DALI circuit has not been commissioned, an extremely useful feature for installation troubleshooting.

daliSwitch uses electromechanical relays that are rated for 8 A at 240 VAC when switching non-inductive loads. The product can be used to drive inductive loads, or those with high inrush currents, so long as external surge protection is added. These devices stop the contacts from being damaged by arcing. Part code 'Sequence-Filter' is an external PTC filter suitable for this purpose.

The user must also ensure that external circuit protection such as circuit breakers or fuses are connected in compliance with the local wiring regulations.

(E) Interface Products Price £295

Features

- Six mains relays
- DALI controlled
- LED indication for data, power, individual relays
- Warning LED for DALI circuit non-commission
- DIN rail or surface mount

Specification

- Input Voltage: 9-24 VDC
- Power: 10W
- Duty Cycle: 100%
- Input Protocols: DALI
- Input mode: isolated
- Input voltage protection: +/- 80 V
- Relay maximum switching voltage: 250 VAC
- Relay maximum peak current: 8A
- Relay rated load (AC1 non-inductive): 2,000VA
- Relay rated load (AC15 inductive): 500VA
- Relay rated load (Single phase motor): 0.37KW
- Relay style: volt-free
- Relay type: changeover
- Relay isolation: 1 kV between contacts
- Listing: CE FCC
- IP Rating: Indoor use
- Dims: 90mm (h) x 88mm (w) x 62mm (d)

Rail-Switch



In theatre, touring and architectural applications there are invariably some devices that do not provide a useful form of remote control. Applications include animatronics, fog machines, theatre practicals, cue lights and video remote control.

Rail-Switch is an elegant solution to the automation of these devices. Housed in a high impact DIN-Rail mounting case, Rail-Switch provides six mains voltage relays with DMX512 and RDM support.

Please note that the switch circuits must be externally fused. Rail-Switch is not designed to switch inductive loads. If you need to do so, we recommend connection of an external contactor or to use Sequence-Filter on each output

Features

- Six mains relays
- DMX512
- Remote Device Management
- DIN Rail mount
- Surface mount

(E) Interface Products Price £265

Specification

- Input Voltage: 9-24VDC
- Power: 10W
- Switch Voltage: 230VAC max
- Switch Current: 8A - Non-Inductive loads
- Input Protocols: DMX512, DMX512(1990), DMX512-A
- RDM V1.0 (E1.20 - 2006 ESTA Standard)
- Duty Cycle: 80%
- Listing: CE FCC
- IP Rating: Indoor use
- Dims: 90mm (h) x 88mm (w) x 58mm (d)

Rail-Switch II



Rail-Switch® is an elegant solution to the automation of devices. Rail-Switch provides six mains voltage relays that can be switched independently.

The control interface uses DMX512 / RDM. The RDM interface enables product configuration, including the ability to set the start address of each relay independently. RDM also allows the product to receive firmware upgrades and run diagnostics tests.

Rail-Switch offers a pre-set mode that enables it to run stored programmes without an active DMX controller. Other features include data loss mode (which determines what Rail-Switch should do in the event of loss of the DMX signal) and test mode (good for commissioning).

Rail-Switch uses electromechanical relays rated for 8 A at 240 VAC when switching non-inductive loads. The product can be used to drive inductive loads, or those with high inrush currents, so long as external surge protection is added. Part code 'Sequence-Filter' is an external PTC filter suitable for this purpose. The user must also ensure that external circuit protection such as circuit breakers or fuses are connected in compliance with the local wiring regulations.

Features

- Six mains relays
- DMX512 & RDM
- LED indication for data, power and relays
- Simulated RDM sub-devices for individual relay start address programming
- Preset mode eliminates need for DMX controller
- Data loss and test modes
- DIN rail or surface mount

(E) Interface Products Price £265

Specification

- Input Voltage: 9-24 VDC
- Power: 10W
- Duty Cycle: 100%
- Input Protocols: DMX512, DMX512(1990), DMX512-A, RDM V1.0 (E1.20 - 2006 ESTA Standard)
- Input ESD protection: 12 kV
- Input voltage protection: +/- 80 V
- Relay maximum switching voltage: 250 VAC
- Relay maximum peak current: 8A
- Relay rated load (AC1 non-inductive): 2,000VA
- Relay rated load (AC15 inductive): 500VA
- Relay rated load (Single phase motor): 0.37KW
- Relay style: volt-free
- Relay type: changeover
- Relay isolation: 1 kV between contacts
- Relay minimum load: 500mW
- Listing: CE FCC
- IP Rating: Indoor use
- Dims: 90mm (h) x 88mm (w) x 62mm (d)

Art-Relay



Art-Relay is a mains relay unit that is controlled using the Art-Net or sACN Protocol.

Power input can be from either a 24 to 48V DC power supply or PoE (Power over Ethernet)

The Relays are 240 VAC 6A rated and each of the twelve relays have normally open and normally closed contacts available

The product is presented in a DIN Rail case which allows rail or surface mounting. Configuration is via the internal web-server or DMX-Workshop.

Features

- 12 mains relays
- Relays rated at 230 VAC 6A
- Art-Net or sACN Controlled
- Simulated RDM device for Start Address programming
- DIN Rail mount
- Surface mount
- DHCP

(E) Interface Products Price £795

Specification

- Input Voltage: 24-48 VDC or PoE
- Power: 12W
- Relay maximum switching voltage: 250 VAC
- Relay maximum peak current: 6A
- Relay rated load (AC1 non-inductive): 1,500VA
- Relay rated load (AC15 inductive): 400VA
- Relay rated load (Single phase motor): 0.3KW
- Input Protocol: Art-Net or sACN
- Duty Cycle: 100%
- Listing: CE FCC
- IP Rating: Indoor use
- Height: 110mm
- Width: 160mm
- Depth: 62mm
- Connection: Screw Terminal

Rail-Tran



Rail-Tran provides six darlington transistor outputs capable of operation to 50V DC at 450mA. Rail-Tran is housed in a high impact DIN-Rail mounting case with DMX512 and RDM support.

Rail-Tran can be used for a wide range of interface tasks including remote control of contactors, solenoid and motor drive and general animatronics.

Features

- Six Darlington drive outputs
- DMX512
- Remote Device Management
- DIN Rail mount
- Surface mount

(E) Interface Products Price £265

Specification

- Input Voltage: 9 to 48VDC
- Power: 7.5W
- Internal Resettable Fuse
- Output Voltage: 5 - 50VDC max
- Output Current per Channel: 120mA
- Output Current Total: 750mA
- Input Protocols: DMX512, DMX512(1990), DMX512-A
- RDM V1.0 (E1.20 - 2006 ESTA Standard)
- Duty Cycle: 100%
- Listing: CE FCC
- IP Rating: Indoor use
- Dims: 90mm (h) x 88mm (w) x 58mm (d)

LMX6



LMX6 provides six data and power outputs for the Color Kinetics Chromasic range. Each output can control up to 50 pixels. LMX6 can be used instead of SPDS-60ca and others similar controllers.

Two DMX inputs are used to control 3 outputs each using the channels 1 to 450. LMX6 requires a 24V input capable of driving the number of pixels attached to the outputs.

The product is DIN Rail mounted making it easy to install in cabinets. The outputs use a three pin connector that provides +24V DC, GND and data to the connected pixel product. All connectors are supplied.

Features

- 24 VDC Power & Data supply for CKs Chromasic Pixel Range DIN Rail Mounted
- Two DMX Inputs
- 300 pixel control
- Push Fit Screw Terminal for Outputs

(E) Interface Products Price £825

Specification

- Listing: CE FCC
- IP Rating: Indoor use
- Power: Requires upto 250W
- In / Out Voltage: 24VDC, 2 x 12A (max)
- Duty Cycle: 80%
- Operating Temp: +5C to +30C
- Storage Temp: -10C to +40C
- Operating Relative Humidity (max): 15%-85% non-condensing
- Dimensions: 203mm (W) x 82mm (H) x 50mm (D)
- DMX: Screw Terminal
- Power Input: Push Fit Screw Terminals
- Output Connections: Push Fit Screw Terminals

Common-Sense



Common-Sense is the ultimate solution to equipment interfacing and triggering. Common-Sense receives a multitude of input signals that can be converted to numerous serial outputs.

Common-Sense is configured using the PC software: Sense-Edit. Sense-Edit can also be used on Mac computers by running the Mac Windows Emulator programme.

Sense-Edit allows all input to output relationships to be programmed using a sophisticated visual interface. The user has the option to choose from standard templates for triggering products such as Show-Control and Four-Play or enter all parameters. When the latter option is selected, the user has control over advanced features such as baud rate and data format.

Features

- 16 Opto-isolated inputs
- 64 Matrix keyboard inputs
- 2 Analogue 0-5V inputs
- DMX512 input / output
- RS232 input / output
- RS485 input / output
- MIDI input / output
- MIDI timecode, show control
- Infrared handset input
- Real time clock
- Configured by PC
- Compatible with DMX512, DMX512 (1990), DMX512-A

(E) Interface Products Price £955

Specification

- Listing: CE FCC
- IP Rating: Indoor use
- Power: 300mW
- External PSU Voltage: 90-250VAC
- Input Voltage: 9VDC
- Height: 45 mm
- Width: 320 mm
- Depth: 98 mm
- Signal Connection: XLR5
- Mains Connection: IEC
- Rear Mounting: Single M4 x 20mm
- Supplied with universal power supply and manual

Rail-Contact

(E) Interface Products Price £255

Artistic Licence



Rail-Contact monitors the state of 8 contact closures and translates this into a value on DMX channels 1 to 8. When a contact closure is active the corresponding value is DMX is 255.

If more than 8 channels are required then two Rail-Contacts can be linked together to form a 16 channel device. The DMX output from the first unit is connected to the input to the second unit. The first 8 channels are then re-patched to channels 9 to 16.

Features

- DIN Rail Case
- 8 Channel DMX Trigger (0 or 255 value)
- Inputs are fully Opto-Isolated
- Voltage Output for easy Connection

Specification

- Input Voltage: 9 to 24VDC
- Power: 10W
- Protection Internal: Internal Resettable Fuse
- DMX Input & DMX Loop
- Rail-Contact Cascade option
- Protocol: DMX512-A
- Duty Cycle: 100%
- Listing: CE FCC
- Height: 90mm
- Width: 88mm
- Depth: 58mm

Rail-Sequence



Rail-Sequence is an automatic Timer Delayed Power Sequencer. It turns on each of the six relays in turn with a 1 second interval.

It has been designed to work with equipment that contains Switch Mode PSUs that have a high In-Rush Current. This type of equipment will trip circuit breakers on turn on that can cause damage to the equipment itself and others on that same circuit breaker. Rail-Sequence will stagger the relays turning on by 1 second interval.

Sequence-Filter is a DIN Rail mounted current inrush limiter that will provide protection for the internal filter on Rail-Sequence. This product will further limit the 'turn on' current.

(E) Interface Products Price £285

Features

- Six mains relays
- DIN Rail Mount
- Surface Mount
- 1 second interval
- 6 second boot up time
- Automatic Operation

Specification

- Input Voltage: 9-24VDC
- Power: 10W
- Switch Voltage: 230VAC max
- Switch Current: 8A - Non-Inductive loads
- Duty Cycle: 80%
- Listing: CE FCC
- IP Rating: Indoor use
- Height: 90mm
- Width: 88mm
- Depth: 58mm

Sequence-Filter

Price £32

Rail-Road



19" Rack adapter for DIN Rail products. Please note that pictured DIN Rail items are not included with this product.

(E) Interface Products Price £145

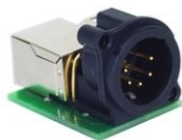
Features

- DIN Rail mounting for 19" Rack

Specification

- Space for;
- 5 Standard products (Rail-Split RDM)
- 2 Wide products (CP12)
- 3 Art-Net Standard products (Art-Lynx)
- 2 Art-Net Wide Products (Two-Play)

Henry



Henry and Henrietta are RJ45 to 5 pin XLR adapters. The products are intended for assembly into patch bays and wall panels, allowing CAT5 cabling to be used for DMX512.

Panel mounting is by the XLR screw holes. Minimum pitch in a panel is 29mm. Allow 5mm below module to clear pcb from base panel.

Features

- Screened RJ45
- ESTA standard wiring
- Neutrik plastic XLR connector (Neutrik A series)
- Henry - Male XLR
- Henrietta - Female XLR

(E) Interface Products

Price £35

Specification

- Height: 28mm
- Width: 26mm
- Depth: 43mm
- External Connections: 5 pin XLR
- Internal Connections: Screened RJ45

Henrietta



Henrietta is an RJ45 to female 5 pin XLR adapter. The product is intended for assembly into patch bays and wall panels, allowing CAT5 cabling to be used for DMX512.

Panel mounting is by the XLR screw holes. Minimum pitch in a panel is 29mm. Allow 5mm below module to clear pcb from base panel.

Features

- Screened RJ45
- ESTA standard wiring
- Neutrik plastic XLR connector (Neutrik A series)

(E) Interface Products

Price £35

Specification

- Height: 28mm
- Width: 26mm
- Depth: 45mm (excluding ejector)
- External Connections: Female 5 pin XLR
- Internal Connections: Screened RJ45

Rail-Patch XLR5F



Rail-Patch XLR is a din rail mounted panel for the DIN Rail range.

It provides connection between an XLR 5 pin connector and screw terminals

Features

- Rail-Patch XLR5F - Female XLR
- Rail-Patch XLR5M - Male XLR

(E) Interface Products

Price £32

Specification

- IP Rating: Indoor use
- Height: 92mm
- Width: 33.4mm
- Input Connector: 5pin Female XLR
- Output Connector: 3pin Screw Terminal

Rail-Patch XLR5M

Price £32

Flexi-Strip RGB30 1M



Flexi-Strip RGB is a range of RGB LEDs on a flexible circuit board, encapsulated within a flexible, clear silicone tube. Rated at IP67, the encapsulated housing protects Flexi-Strip's LEDs from moisture, dust and damage making it ideal for both internal and external applications, in dry or wet conditions. Each strip is backed by a self-adhesive tape so it can be attached quickly and easily in any location.

Flexi-Strip RGB is made up of either 30 or 60 RGB LEDs per metre (Bright / Super-Bright).

Controlling Flexi-Strip is simplicity itself. A direct voltage feed (12V) can be used for continuous illumination or an Artistic Licence Rail-Pipe can be added to allow dimming via DMX.

(F1) LED - Constant Voltage Price £45

Features

- Flexible Strip of RGB LEDs
- Interior / Exterior use
- Custom sizes available
- Adhesive tape fitted on reverse
- Mounting clips available
- Simple to use
- Can be dimmed with a Rail-Pipe HC
- Warranty: 1 year RTB

Specification

- LED Angle: 120 degrees
- Colour: RGB
- Lum: 39lm (R), 81lm (G), 18lm (B)
- Lumen: 135lm (total 1m per m)
- Listing: CE FCC
- Control: BAM or Direct Voltage
- IP Rating: IP67*
- Power: 7.2W (per metre)
- Voltage: 12V
- Current: 0.6A (per metre)
- Dims: 12.5mm (w) x 1000mm (l) x 5mm (d)
- Connection: Bare Ends (1M tail)
- Operating Temp: -10 to +40C
- Lens Material: Silicone Tube
- Lens: UV Stable (but will discolour if in direct sunlight)

Flexi-Strip RGB30 5M

Price £200

Flexi-Strip RGB60 1M

Price £68

Flexi-Strip RGB60 5M

Price £275

Flexi-Strip WWhite60 1M

(F1) LED - Constant Voltage Price £52



Flexi-Strip White is a strip of Cool or Warm White LEDs on a flexible circuit board, encapsulated within a flexible, clear silicone tube. Rated at IP67, the encapsulated housing protects Flexi-Strip's LEDs from moisture, dust and damage making it ideal for both internal and external applications, in dry or wet conditions. Each strip is backed by a self-adhesive tape so it can be attached quickly and easily in any location.

Flexi-Strip White60 is made up of 60 White LEDs per metre and comes in either Warm or Cool White temperatures.

Features

- Flexible Strip of Warm White LEDs
- Interior / Exterior use
- Custom sizes available
- Adhesive tape fitted on reverse
- Mounting clips available
- Simple to use
- Can be dimmed with a Rail-Pipe HC
- Warranty: 1 year RTB

Specification

- LED Angle: 120 degrees
- Colour: Warm White (3234K)
- Lumen: 470lm (per metre)
- Listing: CE FCC
- Control: BAM or Direct Voltage
- IP Rating: IP67*
- Power: 11W (per metre)
- Voltage: 12V
- Current: 1A (per metre)
- Dims: 12.5mm (w) x 1000mm (l) x 5mm (d)
- Connection: Bare Ends (1M tail)
- Operating Temp: -10 to +40C
- Lens Material: Silicone Tube
- Lens: UV Stable (but will discolour if in direct sunlight)

Flexi-Strip WWhite60 5M

Price £250

Flexi-Strip CWhite60 1M

Price £52

Flexi-Strip CWhite60 5M

Price £250

Flexed-Up



Flexed-Up is a 3 channel RGB controller for Constant Voltage LED products such as Artistic Licence Flexi-Strip. Housed in a DIN Rail enclosure Flexed-Up can be attached to standard DIN Rail or can be surface mounted. All connections are via screw terminals with a maximum cable size of 2.5mm.

Twenty sequences are pre-programmed into the unit to give the end user choice of colour and style. The shows can be selected via an internal switch or via a remote contact closure allowing Flexed-Up to be integrated into a bigger system. Flexed-Up can also be customised to run user-defined sequences to suit individual, or pre-existing, applications. For example, LED fixtures can be instructed to match the corporate colours of a company without the need of an expensive external controller. Contact sales@artisticlicence.com for more details.

(F1) LED - Constant Voltage Price £120

Features

- 20 Internal Shows
- Internal Switch or Remote Switch option
- Custom shows available
- 3 outputs for RGB control
- High Power channel
- DIN Rail or Surface Mount

Specification

- Output: 3 Channel Pseudo Random Frequency
- Listing: CE, FCC
- IP Rating: Indoor use
- Power: 144W
- Input Voltage: 12 VDC
- Output Voltage: As Input
- Output Current: 12A @ 12V (4A per channel)
- Duty Cycle: 80%
- Dimensions: 71.5 mm (w) x 91 mm (h) x 61 mm (d)
- Connections: Screw terminal

Rail-Pipe HC



Rail-Pipe HC is an intelligent power supply / high-power low voltage dimmer. It can be used to power and control constant voltage LED products wired as common-anode.

The product is presented in a DIN Rail case which allows rail or surface mounting. It has two RGB outputs that result in the capability of controlling 6 channels. Rail-Pipe HC can be used with the following Artistic Licence products:
20M x Flexi-Strip RGB60, Cool White 60, Warm White 60
40M x Flexi-Strip RGB30

(F1) LED - Constant Voltage Price £285

Features

- DMX512-A Compatible
- RDM V1.0 Standard for remote configuration
- 8-bit or 16-bit dimming
- DIN Rail or Surface Mounting
- 2 RGB Outputs

Specification

- Output: 6 Channel Pseudo Random Frequency
- Listing: CE, FCC
- IP Rating: Indoor use
- Power: 240W
- DMX input ESD protection: 15 kV
- Input Voltage: 12-24 VDC
- Output Voltage: As Input
- Max Single Channel Output: 5A
- RGB Total Output: 10A each
- Duty Cycle: 80%
- Dimension: 88 mm (w) x 90 mm (h) x 58 mm (d)
- Connections: Screw terminal

Art-Pipe



Art-Pipe is an intelligent power supply / low voltage dimmer. It can be used to power and control constant voltage LED products wired as common-anode. The control interface is Art-Net or sACN ethernet.

The product is presented in a DIN-Rail case which allows rail or surface mounting.

(F1) LED - Constant Voltage Price £695

Features

- Art-Net 3 and sACN Ethernet input
- Simulated RDM Device
- 24 channel or 8 RGB Lamp control
- DIN Rail or Surface Mounting
- DHCP

Specification

- Output: 24 Channel Pseudo Random Frequency
- Listing: CE FCC
- IP Rating: Indoor use
- Power: 220W
- Input Voltage: 12-24 VDC
- Output Voltage: Identical to input voltage
- Output Current: 10A Product total @ 24V
- Output Current: 2A Max per output (3 channels) @ 24V
- Duty Cycle: 80% @25C
- Dimensions: 160 mm (w) x 110 mm (h) x 62 mm (d)
- Connections: Screw terminal

Candle-Power CP12-0



Candle-Power is an LED dimmer designed to control high power LED devices such as those available from Lumileds and Cree.

Candle-Power is based on a modulation technique, invented by Artistic Licence, called Asymmetric Frequency Modulation AFM. AFM is an evolution of the frequency modulation technique pioneered by Artistic Licence and published to the public domain in 2002.

The product is a DIN-Rail mounted enclosure providing up to 12 channels or four RGB triplets. It can operate from 15V to 48V. Each of the 12 outputs can drive one to twelve high power LEDs in series. This provides a total load capability of 144 LEDs.

Candle-Power 12 is available in a number of variants which are described by the part number: CP12-xx-yyy mA. (xx is the number of channels. yyy is the current rating of the module). 1W LEDs are normally driven at 350mA. 3W LEDs are normally driven at 700mA.

Candle-Power CP12-0 No modules fitted, 4 Free Slots

Candle-Power CP12-3-350 3 Channel, 1 RGB, 1W LEDs, 3 Free Slots
Candle-Power CP12-6-350 6 Channel, 2 RGB, 1W LEDs, 2 Free Slots
Candle-Power CP12-9-350 9 Channel, 3 RGB, 1W LEDs, 1 Free Slots
Candle-Power CP12-12-350 12 Channel, 4 RGB, 1W LEDs, 0 Free Slots

Candle-Power CPM-100 3 Channel 100mA Module
Candle-Power CPM-350 3 Channel 350mA Module
Candle-Power CPM-500 3 Channel 500mA Module
Candle-Power CPM-550 3 Channel 550mA Module
Candle-Power CPM-700 3 Channel 700mA Module

{{(Jump-Start)}} can be used to set the start address.

(F2) LED - Constant Current Price £285

Features

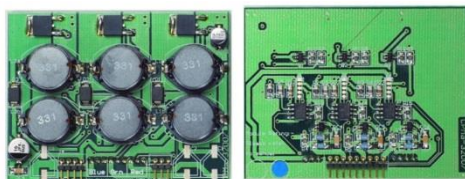
- DMX512 / RDM
- Modules must be ordered separately
- DIN Rail or Surface Mounting
- 15V to 48V with a variable number of LEDs between 1 & 12 per channel
- Automatic compensation for cable voltage drop
- High efficiency and low heat generation
- Smooth dimming curve with good low end control
- Modular solution
- DMX512 and RDM interface as standard with full feedback of lamp sensors such as temperature and hours
- Short proof and self protecting outputs

Specification

- Output: 12 Channel AFM Modulation
- Listing: CE FCC
- IP Rating: Indoor use
- Power: 144W
- Input Voltage: 15-48 VDC
- Output Voltage: as input
- Output Current: N/A
- Duty Cycle: 80% @25C
- Width: 159 mm
- Height: 95 mm
- Depth: 73.5 mm
- Connection: Screw terminal

| | |
|---------------------------------|-------------------|
| Candle-Power CP12-3-350 | Price £330 |
| Candle-Power CP12-3-700 | Price £345 |
| Candle-Power CP12-6-350 | Price £375 |
| Candle-Power CP12-6-700 | Price £405 |
| Candle-Power CP12-9-350 | Price £425 |
| Candle-Power CP12-9-700 | Price £445 |
| Candle-Power CP12-12-350 | Price £475 |
| Candle-Power CP12-12-700 | Price £505 |

Candle-Power CPM-350



Candle-Power module. 1W (350mA).

(F2) LED - Constant Current Price £85

Features

- DMX512 / RDM
- 3 channel module

Specification

- Output: 3 Channel AFM Modulation
- Output Current: 350mA
- Duty Cycle: 100% @25C

Candle-Power CPM-500

Price £105

Candle-Power CPM-700

Price £105

CP24-24-350mA (24V-300W)

(F2) LED - Constant Current Price £1945



The product is a Rack-Mounted enclosure providing up to 24 channels of dimming. It has an internal universal mains PSU so is a self contained unit. Each of the 24 outputs can drive one to twelve high power LEDs in series. This provides a total load capability of 288 LEDs (subject to internal PSUs).

Candle-Power 24 is available in three standard variants described by the part number:

CP24-xx-yyymA-aaV-bbbW
xx is the number of channels (3, 6, 9, 12, 15, 18, 21, 24)
yyy is the current rating of the module (350mA, 500mA, 700mA or custom)
aa is the voltage of internal PSU (24V, 48V or custom)
bbb is the power available (300W or 600W)

1W LEDs are normally driven at 350mA. 3W LEDs are normally driven at 700mA.

{{Jump-Start}} can be used to set the start address.

Custom Products are also available; please contact sales@artisticlicence.com for more details. CP24 is built to order.

Features

- DMX512 / RDM V1.0 Standard operation
- 24 channel, 8 Lamp control
- 3U 19" Rack Mount Case
- Automatic compensation for cable voltage drop
- High efficiency and low heat generation
- Smooth dimming curve with good low end control
- Modular solution
- Short proof and self protecting outputs
- LED operating voltage 24V (output)
- Universal mains input
- Rear panel push connections
- Status LED indicators

Specification

- Output: up to 24 Channel Constant Current Drive
- Listing: CE FCC
- IP Rating: Indoor use
- Power: 320W
- Input Voltage: 90-250VAC
- Output Voltage: 24VDC
- Channel Current: 350mA
- Duty Cycle: 80%
- Height: 3RU
- Width: 19" Rack
- Depth: 256 mm
- Output Connections: 2pin Push connectors (supplied)
- Output Arrangement: Each channel has separate connection for +V and control
- Mains Connection: IEC

CP24-24-700mA (48V-300W)

Price £2145

CP24-24-700mA (48V-600W)

Price £2345

Multichrome Flex Medium Res



Multichrome-Flex is the next generation of the highly successful Pixi-Flex with the added benefit of IP67 rating for exterior use. Rugged, durable and weather resistant, each pixel is encapsulated in a plastic housing so its creative capabilities can now be applied to exterior events, concerts, and even architectural applications.

Multichrome-Flex is a string of miniature self contained LED colour pixels which uses the latest 'point source' LED technology to provide three primary coloured LEDs in a single package. It is constructed as multiple pixels moulded onto a cable. Each pixel measures just 38mm in diameter with a 17mm lens. The red, green and blue light emitted from the LED is effectively a single point of coloured light. This feature leads to a superb colour mixture with none of the chromatic aberration familiar from earlier technologies.

Multichrome-Flex is a perfect solution for colour wall and video wall applications. Its small size, low mass and low heat allow it to be push fitted into almost any structure including sets, walls and other architectural features. Combined with Colour-Tramp, Multichrome-Flex can display real time video in combination with stunning visual effects.

Multichrome-Flex is available in two formats:

Multichrome-Flex 16/250 (16 pixels on a nominal 250mm pitch)

Multichrome-Flex 32/125 (32 pixels on a nominal 125mm pitch)

Custom options are available; coloured cables, pixel pitch and number of pixels (subject to minimum order quantity)

Multichrome Flex is a novel design. It receives power and data via a miniature 4 pin cable. Each pixel is lightweight, allowing it to push fit into almost any structure. A total of 32 Pixels can be driven from a single cable. The controllers, Multichrome D1, E1 & E2 can control 5 or 10 circuits, 160 or 320 pixels in total. Each pixel can be either individually addressed or controlled as a group.

Multichrome Flex is a perfect solution for colour wall and video wall applications. Its small size, low mass and low heat allow it to be mounted into sets, walls and other architectural features. Combined with Colour-Tramp, Pixi-Flex can display real time video in combination with stunning visual effects.

Multichrome Flex contains a custom silicon chip that receives high speed data from the controller. This allows each Pixel to be individually controlled and at the high speed needed for video display.

Three options exist for power and control: Multichrome D1 is the DMX512 power controller for Multichrome Flex. It is a mains powered controller that can be wall or truss mounted. Multichrome E1 & E2 are the Art-Net power controllers for Multichrome -Flex. The E1 is a mains powered controller that can be wall or truss mounted while the E2 is DIN Rail mounted and requires an external PSU.

Features

- Long Lamp Life
- Low Beam Temperature
- Low Power Consumption
- 16 Million Colours
- High Colour Purity
- Excellent white tracking
- Optimised for designer friendly colours
- Variable Colour Temperature
- Individual control by Multichrome E1, E2 & D1
- Interior or Exterior

(F3) LED - Pixel Price £256

Specification

- Light output: 2100 mCd
- Beam Angle: 120 Degrees
- Pixel Pitch: 250mm
- 16 pixels
- Listing: CE FCC
- Control: Proprietary
- IP Rating: IP67 (all connectors mated to IP connectors)
- Min bend radius: 50mm
- Power: 9W
- Voltage: 9V
- Current: 1A
- Data Rate: 10MBs
- Lens Diameter: 17mm
- Body Diameter: 38mm
- Lens Depth: 6mm
- Total Depth: 21mm
- Connection: Switchcraft 4 pin miniature
- Operating Temperature: 0C to +40C
- Flex can be operated to -20C when static
- Humidity: 90% non condensing

Multichrome Flex High Res

Price £512

Multichrome D1



Multichrome D1 is an integrated power controller for Multichrome Flex, Web and Tube

Multichrome D1 combines the functions of a power supply and an isolated DMX512-A / RDM interface. The product can be wall, ceiling or truss mounted.

D1 uses RDM for configuration. If your chosen control system does not yet support RDM, Jump-Start can be used to set the start address and all other RDM parameters. The truss mount G-Clamp is available from Doughty Engineering order code SP2703.

Multichrome D1 drives: 10 x Multichrome Flex 16/250 or 5 x Multichrome Flex 32/125 or 2.5 x Multichrome Web Hi-Res or 10 x Multichrome Web Med-Res or 10 x Multichrome Tube

Features

- 9 VDC Power supply for Multichrome Flex, Web and Tube
- Wall, ceiling or truss mount
- DMX512-A / RDM interface
- RDM Draft V1.0 capable

(F3) LED - Pixel Price £515

Specification

- Listing: CE FCC
- IP Rating: Indoor use
- Power: 100W
- Input Voltage: 90-264VAC (47-440Hz)
- Current - Inrush: 25A-115V / 50A-230V
- Output Voltage: 9VDC, 10A
- Duty Cycle: 80%
- Environment: Max ambient Temperature +5C to +30C
- Environment: Relative Humidity 15% - 85% non condensing
- Dims: 100 mm (w) x 110 mm (d)
- Height: 218 mm or 303 mm (inc flange or flange & G-Clamp)
- Output Connection: Trident Ringlock Socket (24 way)
- Mains Connection: IEC
- DMX Connections: 5 pin XLR

Multichrome E1



Multichrome E1 is an integrated power controller for Multichrome Flex, Web and Tube. It will find primary application with Multichrome Web due to the robust design and truss mounting capability.

Multichrome E1 combines the functions of a power supply and an isolated Art-Net Ethernet interface.

The product can be wall, ceiling or truss mounted. The truss mount G-Clamp is available from Doughty Engineering order code SP2703.

Multichrome E1 drives: 20 x Multichrome Flex 16/250 or 10 x Multichrome Flex 32/125 or 5 x Multichrome Web Hi-Res or 20 x Multichrome Web Med-Res or 20 x Multichrome Tube

Features

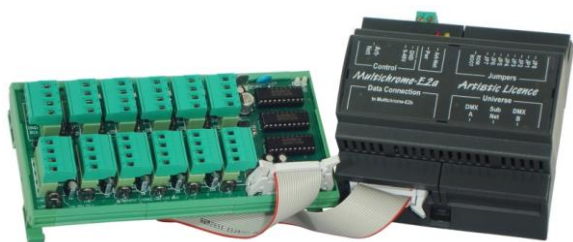
- 9 VDC Power supply for Multichrome Flex, Web and Tube
- Wall, ceiling or truss mount
- Single Art-Net connection
- Virtual RDM V1.0 (E1.20 - 2006 ESTA Standard)

(F3) LED - Pixel Price £1715

Specification

- Listing: CE FCC
- IP Rating: Indoor use
- Power: 200W
- Input Voltage: 90-264VAC (47 - 440Hz)
- Current - Inrush: 50A-115V / 100A-230V
- Output Voltage: 9VDC, 2 x 10A
- Duty Cycle: 80%
- Environment: Max ambient Temperature +5C to +30C
- Environment: Relative Humidity 15% - 85% non condensing
- Dims 186 mm (w) x 110mm (d)
- Height: 218 mm or 303 mm (inc flange or flange & G-Clamp)
- Output Connection: 2 x Trident Ringlock Socket (24 way)
- Mains Connection: IEC
- Control Connection: 1 x RJ45 (Ethernet)

Multichrome E2



Multichrome E2 is an DIN Rail mounted version of Multichrome E1 designed for permanent installations. E2 is an integrated power controller for Multichrome Flex, Web and Tube. It will find primary application with Multichrome Flex due to its form factor.

Multichrome E2 combines the functions of an isolated Art-Net Ethernet interface and data controller. It requires an external 9V PSU, supplied separately. Both parts are 35mm DIN Rail mountable making it ideal for permanent installations. All connections are via push fit screw connectors.

Multichrome E2 drives: 20 x Multichrome Flex 16/250 or 10 x Multichrome Flex 32/125 or 5 x Multichrome Web Hi-Res or 20 x Multichrome Web Med-Res or 20 x Multichrome Tube

Features

- 9 VDC Power supply for Multichrome Flex, Web and Tube
- DIN Rail Mounted
- Single Art-Net connection
- Virtual RDM V1.0 (E1.20 - 2006 ESTA Standard)
- 320 pixel control
- Push Fit Screw Terminal Connections

(F3) LED - Pixel Price £795

Specification

- Listing: CE FCC
- IP Rating: Indoor use
- Power: Requires upto 200W
- Input / Output Voltage: 9VDC, 2 x 10A (max)
- Duty Cycle: 80%
- Environment: Max ambient Temperature +5C to +30C
- Environment: Relative Humidity 15% - 85% non condensing
- E2a Dimension: 106 mm (w) x 110 mm (h) x 62 mm (d)
- E2b Dimension: 160 mm (w) x 82 mm (h) x 54 mm (d)
- Input / Output Connections: 4pin Push Fit Screw Connector
- Control Connection: 1 x RJ45

Multichrome Flex Spider



This product is a cable assembly for the Multichrome D1, Multichrome, E1, Pixi-Power SB12 or Pixi-Power F1. It is used to convert the multiway connector into 5 individual cables for Multichrome Flex, Multichrome Web, Pixi-Flex, Pixi-Web or Color Web.

Features

- Latching multicore connector
- Drives 5 circuits of 32 pixels

(F3) LED - Pixel Price £95

Specification

- 5 Output Cables
- 2M length

Multichrome Flex Ext1



A range of extension cables for Multichrome Flex, Multichrome Web, Pixi-Flex or Color Web.

Features

- Switchcraft IP65 connectors

(F3) LED - Pixel Price £26.5

Specification

- 1m Length

Multichrome Flex Ext2

Price £28

Multichrome Flex Ext3

Price £30

Multichrome Flex Ext4

Price £42

Multichrome Flex Ext5

Price £47

Multichrome Flex Ext6

Price £54

PSU-9-1.5-DCJ



Desktop Power Supply with a DC Jack Connector

Features

- Micro-Scope 3a
- DMX-Buffer
- Show-Control
- Common-Sense
- MIDI-Scope
- Preset-6
- Preset-12

(P) Power-Supplies Price £30

Specification

- Input Voltage: Universal
- Output Voltage: 9V DC
- Maximum Current: 1.5A
- O/P Connector: DC Jack

PSU-9-1.5-DR2



Desktop Power Supply with a 2pin Screw Terminal

Features

- Art-Lynx
- Art-Relay

(P) Power-Supplies Price £35

Specification

- Input Voltage: Universal
- Output Voltage: 9V DC
- Maximum Current: 1.5A
- O/P Connector: 2pin Screw Terminal

PSU-9-1.5-FER



Desktop Power Supply with two Ferrules

Features

- Dimmer-Switch
- Light-Switch
- Sign-Control
- DIN Rail Products

(P) Power-Supplies Price £30

Specification

- Input Voltage: Universal
- Output Voltage: 9V DC
- Maximum Current: 1.5A
- O/P Connector: Ferrules

PSU-9-1.5-XLR4



Desktop Power Supply with a 4pin XLR Female Connector

Features

- Net-Lynx
- DMX-Split RDM
- DMX-Fix
- Power-Hub 4

(P) Power-Supplies Price £35

Specification

- Input Voltage: Universal
- Output Voltage: 9V DC
- Maximum Current: 1.5A
- O/P Connector: XLR 4pin Female

| | |
|---------------|------------|
| PSU-9-10-DR | Price £135 |
| PSU-12-6-FER | Price £130 |
| PSU-12-6-DR | Price £115 |
| PSU-12-10-DR | Price £155 |
| PSU-24-2-FER | Price £55 |
| PSU-24-5-FER | Price £120 |
| PSU-24-2.5-DR | Price £105 |
| PSU-24-5-DR | Price £135 |
| PSU-24-10-DR | Price £230 |
| PSU-48-1-DR | Price £115 |
| PSU-48-5-DR | Price £225 |
| PSU-48-10-DR | Price £470 |



CONDITIONS – TERMS OF SALE

Preliminary Definitions

In these Conditions:-

- 1 "Buyer" means the person whose order for the Goods is accepted by the Seller
- 2 "Contract" means the contract between Seller and Buyer for the sale and purchase of the Goods
- 3 "Goods" means the goods and/or services including any parts of them that the Seller is to supply in accordance with these conditions
- 4 "Seller" means Artistic Licence Holdings Limited or Ptarmigan Holdings Limited or any subsidiary of either Company
- 5 The headings in these Conditions are for ease of reference only and shall not affect the interpretation.

1. General

The following terms represent the entire terms on which Seller is willing to sell Goods and by placing an order with Seller Buyer agrees that the following terms represent the entire agreement between Buyer and Seller and that these terms shall apply to the exclusion of any previous terms and conditions supplied by Seller, Buyer's own terms and conditions, any pre-contractual statement or any other terms of whatsoever nature not contained herein. No Officer, employee or agent of Seller (other than a Director) has authority to contract for the sale of Goods on any other terms, or to amend, vary or waive these terms, and a Director has authority to do so only in writing.

2. Time of Delivery

- 2.1 Any time of delivery stated by Seller shall be treated as an estimate only and the time of delivery is not of the essence. Seller will use its reasonable efforts to deliver by that time but gives no other undertaking as to the time of delivery.
- 2.2 For the avoidance of doubt Seller irrespective of whether or not any charge is made by it for shipping of the Goods specifically disclaims any and all responsibilities for delays caused by the actions of the shipper.
- 2.3 The Seller shall have no liability for any delay in delivery of the Goods or any failure to deliver the Goods where delivery has been delegated by the Seller to a third party delivery service "Common Carrier" and/or to the extent that such failure is caused by a Force Majeure event or Buyer's failure to provide Seller with adequate delivery instructions or any other instructions that are relevant to the supply of Goods.
- 2.4 If the Seller fails to deliver the Goods, its liability shall be limited to the costs and expenses incurred by the Buyer in obtaining replacement goods of similar description and quality in the cheapest market available, less the price of the Goods.

3. Place of Delivery

The Goods shall be delivered to Buyer at the place of delivery recorded on the sales invoice or (if no such address is recorded there) at the premises of Seller.

4. Price

The price shall, unless Buyer has an established credit account with Seller, be payable in full on or before delivery of the Goods. Time of payment shall be of the essence. In the event that payment is not made when due, Seller may: -

- 4.1 cancel any contract to supply Goods,
- 4.2 suspend any Credit Terms, in which case all sums due to Seller from Buyer for Goods previously supplied shall become due and payable immediately,
- 4.3 charge interest at 8% above the base rate of The Bank of England plus any costs of collection. Such interest shall accrue on a daily basis from the date payment was due until the date of actual payment of the overdue amount, whether before or after judgment. The Buyer shall pay the interest together with the overdue amount.

5. Title and Risk

- 5.1 All risk in the Goods shall pass to Buyer upon delivery to the Buyers delivery address.
- 5.2 Title to the Goods shall not pass to Buyer until Seller has received payment in full (in cash or cleared funds) for any Goods delivered to the Buyer in respect of which payment has become due.
- 5.3 Until title to the Goods has passed to the Buyer, the Buyer shall:
 - (a) store the Goods separately from all other goods held by the Buyer so that they remain readily identifiable as the Seller's property;
 - (b) maintain the Goods in satisfactory condition and keep them insured against all risks for their full price from the date of delivery; and
 - (c) notify the Seller immediately if it becomes subject to any of the events listed in clause 11(c).
- 5.4 If before title to the Goods passes to the Buyer, the Buyer becomes subject to one of the events listed at 11(c), or the Seller reasonably believes that any such event is about to happen and notifies the Buyer accordingly, then, provided that the Goods have not been resold, or irrevocably incorporated into another product, and without limiting any other right or remedy the Seller may have, the Seller may at any time require the Buyer to deliver up the Goods and, if the Customer fails to do so promptly, enter any premises of the Buyer or of any third party where the Seller reasonably believes the Goods are stored in order to recover them.
- 5.5 The above notwithstanding Seller when charging Buyer for delivery insures the goods for the benefit of Seller until they are delivered to Buyer's delivery address. Buyer must notify Seller of any damage or shortage within 3 days of receipt. Any shortage or damage not notified will not be covered by Sellers insurance and shall be borne by Buyer

6. Fitness for Purpose

- 6.1 Due to the specialist nature and variable applications of the goods which the Seller may supply, the Seller gives no warranty that the Goods are fit for Buyers purpose or purposes.
- 6.2 Buyer warrants that he has satisfied himself that the Goods will be fit for every purpose that he requires them and that Buyer does not rely on any skill or judgment of Seller in that regard.
- 6.3 Buyer further warrants that: - (a) The Goods will not in any way be adapted or altered, and (b) He will not give or imply any warranty to any person whom he may sell or let the Goods other than the warranty given by Seller.
- 6.4 In the United Kingdom the provisions of the Contracts (Rights of Third Parties) Act 1999 are expressly excluded from this Contract.

7. Acceptance

Buyer shall inspect and test the Goods immediately upon delivery and shall within 3 days after delivery give notice in writing to Seller of any respect in which he alleges that the Goods are not in accordance with the contract. If Buyer shall not have given such notice within that time the Goods shall be deemed to be accepted in every respect in accordance with this Contract.

8. Liability

- 8.1 Nothing in this Contract shall limit or exclude the Seller's liability for claims arising from physical injury to or death of Buyer's personnel and/or third parties, which is directly and wholly caused by the negligence of Seller or its employees in the performance of its or their duties under this Contract or fraud or fraudulent misrepresentation.
- 8.2 In the event that notice has been given pursuant to clause 7 above that the Goods (or part thereof) are not in accordance with the contract and the price of the Goods has been paid on or before the due date, Seller shall replace or repair the Goods (or part thereof) at its own expense provided that Buyer has within 30 days after the said notice caused the Goods (or parts thereof) that are alleged to be defective to be returned to Seller's premises or such other place as Seller shall direct.
- 8.3 No remedy other than that provided for in 8.2 hereof shall be available to Buyer.
- 8.4 Without prejudice to the generality of the foregoing Seller: - (a) Shall not be liable for damages in the nature of or arising from loss of profits, loss of user, loss of revenue, loss of hire or rental in respect of the Goods or any other goods, nor for damages arising from compensation payable by Buyer to any other person, firm, corporation or organization whatsoever, and (b) shall not be liable for any losses, damages, costs, claims, expenses or liabilities exceeding the purchase price of the Goods or for any loss of profit or indirect or consequential loss arising under or in connection with the Contract; (c) shall not be liable should the Goods be used otherwise than in accordance with the manufacturer's specification and (d) in any event the Seller's total liability to the Buyer in respect of all other losses arising under or in connection with the Contract, whether in contract, tort (including negligence), breach of statutory duty, or otherwise, shall not exceed the purchase price of the Goods.
- 8.5 Except as set out in these Conditions, all warranties, conditions and other terms implied by statute or common law are, to the fullest extent permitted by the law, excluded from the Contract
- 8.6 Buyer undertakes and agrees to indemnify and hold harmless Seller against any and all actions, claims, proceedings, costs, losses, expenses, liabilities, including legal fees, whatsoever and howsoever caused arising out of, connected with, or resulting from the Goods themselves, or use of the Goods (outside of the manufacturers Specification) including without limitation the selection, delivery, possession, use operation, return or any and all damages caused thereby to anyone whatsoever.

9. Warranty Terms

- 9.1 All products (unless falling under 9.3 below) are covered by a two year return to base warranty ("Warranty Period"). Returns will not be accepted without prior authorisation. Seller's decision on all matters relating to warranty is final.
- 9.2 In the case of defective or faulty Goods supplied by Seller, Buyers remedy against Seller is limited to a period no longer than 24 months from the date of purchase. If any defect arises during this period Seller reserves the right, at its sole discretion, to repair or replace the goods or to give credit to the value of the purchase price of the Goods. This is subject to the Goods not having been damaged, abused or improperly operated by the Buyer. All warranty items must be returned to Seller by prepaid freight within the Warranty Period.
- 9.3 Where the Seller is not the manufacturer of the Goods the only warranty provided by the Seller is that given by the manufacturer of the Goods.

10. Force Majeure

Neither party to the Contract shall be liable for any failure or delay in performing its obligations under the Contract to the extent that such failure or delay is caused by a Force Majeure Event. A "Force Majeure Event" means any event beyond a party's reasonable control.

11. Termination

- 11.1 Seller shall have the right to terminate any contract immediately by giving notice to Buyer if: (a) Buyer fails to make payment of any sum due to Seller in accordance with Clause 4 hereof, or (b) Buyer commits any other material breach of its obligations hereunder; or
- (c) Buyer enters into liquidation, or attempts to enter into any arrangement with its creditors, or shall be the subject of an administration order or shall be the subject of any proposal for a composition for the satisfaction of its debts, or suspends or threatens to suspend payment of its debts, or is unable to pay its debts as they fall due.
- 11.2 Any termination shall not affect any accrued rights or liabilities of either party.

12. Mediation and Arbitration

- 12.1 In the event of a dispute arising between the parties whether during the term of this contract or afterwards touching or concerning this contract or its construction or effect or the rights duties or liabilities of the parties under or by virtue of it or otherwise or any other matter in any way connected with or arising out of the subject matter of this contract, the Seller and the Buyer will at first instance make a good faith attempt to settle the dispute amongst themselves. If no such agreement has been reached within 14 days of the dispute arising, then the matter will be referred to either mediation or arbitration at the Seller's election in the manner outlined in clause 13.2.
- 12.2 Upon the Seller electing to use mediation the dispute shall be referred by the parties to mediation in accordance with the CEDR Model Mediation Procedure to attempt to reach a settlement, (unless otherwise agreed between the parties, the mediator shall be nominated by CEDR Solve). Upon the Seller electing to use arbitration the dispute shall be referred by the parties to a single arbitrator to be agreed upon by the parties or in default of agreement to be nominated by the President for the time being of the Chartered Institute of Arbitrators in accordance with the Arbitration Act 1996 or any statutory modification or re-enactment of it for the time being in force.

13. Trademarks

No changes shall be made to the trademarks or packaging on Sellers Goods and the Buyer may not unless specifically authorised in writing by Seller make any reference to the Goods bought from Seller in any form of advertising or publicity media.

14. Software

- 14.1 Where the Goods include software or firmware Buyer shall accept a non-exclusive, non-transferable licence to use the software or firmware as provided in these Conditions and subject to the further provisions of Clause 14.2 and 14.3 hereof.
- 14.2 Buyer shall not copy (other than for normal equipment operation, including system backup), reproduce, translate, adapt, vary or modify the software or communicate any part of it to a third party without the prior written consent of Seller.
- 14.3 The licence granted by Clause 14.1 hereof shall be terminated if Buyer fails, or has failed, to comply with any term or Condition of the Contract.

15. Intellectual Property

- 15.1 Buyer acknowledges that all rights in respect of patents, copyrights, design rights, trade marks or other industrial or intellectual property rights connected with the Goods shall not pass to Buyer.
- 15.2 Buyer shall indemnify Seller against any and all liabilities, claims and costs incurred by or made against Seller as a direct or indirect result of carrying out of any of the work required to be done or to the Goods in accordance with the requirements or specifications of Buyer involving any infringement of any rights of any third party.

16. Notices

Any Notice under this contract may be given by either party to the other at their last known address and any notice given by letter shall be deemed to be delivered on the third business day after posting or, if delivered by hand, upon delivery and in proving service by post it shall be sufficient to prove the notice was properly addressed and posted. If sent by fax or email notice shall be deemed to be delivered 30 minutes after it was sent.

17. Waiver & Invalidity

- 17.1 The failure of either party to insist on strict compliance with any of the terms, covenants, or conditions of this contract by the other party shall not be deemed a waiver of that term, covenant, or condition nor shall any waiver or relinquishment of any right or power at any one time or times be deemed a waiver or relinquishment of that right or power for all or any other times.
- 17.2 If any provision in this contract is held by a court of competent jurisdiction to be invalid, void, or unenforceable, the remaining provisions shall nevertheless continue in force without being impaired or invalidated in any way.

18. Applicable Law

- (1) Buyer shall not assign or otherwise transfer all or any part of its obligations under a contract without the prior written consent of Seller.
- (2) The parties acknowledge that any contract under these conditions is given by and interpreted in accordance with the Law applicable in the Country of residence of Seller, but Seller may enforce the contract in any Court of competent jurisdiction.





Price List and Index (all prices exclude UK VAT)

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| Art-Lynx O/P..... | Page 20 | £410 | PSU-12-6-DR..... | Page 48 | £115 |
| Art-Merge..... | Page 26 | £155 | PSU-12-6-FER..... | Page 48 | £130 |
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| Art-Relay..... | Page 37 | £795 | PSU-24-2-FER..... | Page 48 | £55 |
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| Candle-Power CP12-6-350..... | Page 43 | £375 | PSU-9-1.5-DR2..... | Page 48 | £35 |
| Candle-Power CP12-6-700..... | Page 43 | £405 | PSU-9-1.5-FER..... | Page 48 | £30 |
| Candle-Power CP12-9-350..... | Page 43 | £425 | PSU-9-1.5-XLR4..... | Page 48 | £35 |
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| Candle-Power CPM-350..... | Page 44 | £85 | Rail-Contact..... | Page 39 | £255 |
| Candle-Power CPM-500..... | Page 44 | £105 | Rail-DALI-DMX..... | Page 32 | £415 |
| Candle-Power CPM-700..... | Page 44 | £105 | Rail-Demux..... | Page 35 | £395 |
| Cata-Lynx I/P..... | Page 23 | £595 | Rail-DMX-DALI..... | Page 32 | £415 |
| Cata-Lynx O/P..... | Page 23 | £595 | Rail-DMX-DSI..... | Page 34 | £375 |
| Colour-Tramp 1U..... | Page 30 | £795 | Rail-Flip..... | Page 14 | £355 |
| Colour-Tramp 20U..... | Page 30 | £6900 | Rail-Patch XLR5F..... | Page 40 | £32 |
| Colour-Tramp 2U..... | Page 30 | £1590 | Rail-Patch XLR5M..... | Page 40 | £32 |
| Colour-Tramp 40U..... | Page 30 | £12800 | Rail-Pipe HC..... | Page 42 | £285 |
| Colour-Tramp 4U..... | Page 30 | £2180 | Rail-PSU-D4..... | Page 33 | £265 |
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